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Newest HANDBOOK for GARDEN and ORCHARD

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U. S. DEPARTMENT OF AGRICULTURE

Sondereggers Nursery

— and —

Sonderegger Seed Store
Beatrice, Nebraska

Pin Oak Finest of all hardwood shade trees, keeps its beautiful leaves throughout the winter. Rapid grower. See page 33.

**The New
Blood-Red
Bush-Plum**

See Page 17



Index-Page 6



President Hoover Beautifully colored buds and blossoms of yellow with pink and flame tints. One of the very finest.

E. G. Hill A rose of brilliant scarlet color, very double, and does not fade in the sun. An excellent cut flower, lasting well.



Everblooming Hybrid Tea ROSES

American Beauty

Very fragrant, crimson carmine shaded deep pink; one of the oldest and hardest everbloomers.

Ami Quinard Deepest black red beautiful rose, fragrant, nice for cut flowers; should be in every garden.

Golden Rapture In the bud stage by far the finest shape, of a rich shining golden color. Pleasantly perfumed. The most valuable addition to the rose list.

Gruss an Teplitz Bright cherry crimson, intensely fragrant. There is no other rose that blooms so continually. Very vigorous and healthy, making a beautiful bush.

K. A. Victoria Pearly white with lemon in center. Large, fully double, perfect form. A lovely rose that heads the list of all white Hybrid Teas.

Pink Radiance Bright rosy pink of the radiance type. A large double rose, very fragrant, and a healthy, vigorous grower.

Red Radiance A splendid rose of lovely cherry red color with good stems, making an excellent cut flower. Especially good for fall blooming. Fragrant.

Talisman Its most unusual coloring, a combination of gold, apricot, pink and carmine in mingled splashes, streaks and blends places Talisman amongst the best for garden or bouquets.

Hybrid Perpetual Roses

These roses are harder than the Hybrid Tea roses, stronger growers, and practically thornless.

Paul Neyron The largest of all roses, often called "Cabbage Rose" owing to its immense size. Very sweet scented, dark pink and extremely double.

Snow Queen Open blossoms pure white, large and double. Vigorous grower and a free bloomer.

Baby Ramblers

GOLDEN SALMON. Bright orange salmon. Very good.

IDEAL. Finest Red Dwarf Rambler rose.

CATHERINE ZEIMET. Best pure white.

GRUSS AN AACHEN. Beautiful Dwarf rose of the Hybrid Tea style.

2-Year "AA" ROSES

All Varieties

Each, 65c
3 for \$1.70
10 for \$5.35
PREPAID



Gloriana This new yellow rose retains a perfect color even through hot weather. Blooms well.

Rugosa Roses Perfectly hardy without any protection, and growing to splendid shrub sizes. For rose hedges, groups or between other flowering shrubs, of great value.

Hansa Showy red, very hardy shrub.

Chinese Yellow Rose Hugonis, the early flowering, hardy bush rose. Very pretty.

F. J. Grootendorst Produces a wealth of carnation shaped red flowers in bouquet-like clusters all through the summer. Very hardy.



Picture A wonderful new rose, velvety clear rose-pink with salmon undertones, and perfectly double.

Climbing American

Beauty A very popular favorite, a good hardy grower, with nice double flowers of red to crimson color. This is one of the finest climbing roses.

Paul's Scarlet Climber The intense scarlet flowers of excellent shape, good size and double appear in great abundance. In this color there is no better rose on the market; it is healthy, and a good grower.

Dorothy Perkins Pink and White. Double, nicely shaped roses in pretty spray arrangement. The Dorothy Perkins strain is particularly hardy. Furnished in either Pink or White, your choice.

Crimson Rambler The hardiest of all climbing roses, and a very vigorous grower. The double crimson blossoms appear in giant sprays; very attractive.

Climbing Roses All Varieties, 2-year strong, healthy No. 1, each, 48c; 3 for \$1.30; 6 for \$2.40; postpaid to you.



PAUL'S SCARLET CLIMBER



Sure-Blooming . . .

American Turk's Cap Lily (Super-bum)

Grows to a height of 3 feet, and through July and August produces its flowers of orange-scarlet, shaded yellow, and spotted purple. Likes acid soil. Plant 8 inches deep.

Giant Tiger Lily 3-4 ft. tall. Blooms in August to September, bright salmon red flowers spotted black. Depth, 4 inches.

PRICES: Above varieties, 35c each; 3 for 95c.

Regal Lily The Royal Lily. 3 ft. tall, fragrant, blooms July-August. Very showy. Plant 7 inches deep. No planting is complete without Regal. 25c each, top size bulbs, 3 for 65c, postpaid.



Finest Double PEONIES

Edulis Superba

A pretty cut flower and a sure bloomer. One of the very choicest mid-season peonies. 50c each; 3 for \$1.30; postpaid.

ALL COLORS MIXED
Strictly double. All nice roots, of the large 3 to 5 eye grade, 5 for \$1.20, postpaid.

← Karl Rosenfield

Striking rich crimson, the surest bloomer in this color, and the best showy red in the mid-season class. For a perfect shape, fully double, I know of no better red Peony. 50c each; 3 for \$1.30, postpaid.



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25c

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Farm Journal and Farmer's Wife is published monthly; big issues; new timely features; fine pictures; beautiful colored covers. Brief, easy to read; 67 years old. Largest subscription list in the world,—over 2,700,000 from Maine to California; Money back if not satisfied.

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For folks who live in the Country and love the Country. Printed on fast-running presses, this Month Ahead-Magazine gets the important news to you first when it is valuable and useful.

Farm Journal section: Latest ideas in farm practice, equipment and machinery repairs, livestock, dairying, poultry, crops, orchard, garden, and everything about the farm. Latest Washington news important to farmers.

Farmer's Wife section carries new practical ideas on home decorations, fashions, fancywork, health and beauty. Canning, foods recipes tested in our own Farm Kitchen. Features on country life. Farm Women's letters, etc. Fiction by nationally known authors.

Youth section: Latest 4-H Club and FFA news, answers to youths' problems, grooming, etiquette, parties, games, movies, sports, aviation, hobbies, success stories, money-making ideas, jokes, cartoons, etc.

WILL HELP YOU GROW A BETTER GARDEN

Mail this Coupon today with remittance (at our risk), direct to Farm Journal and Farmer's Wife, Dept. C., Philadelphia 5, Pa.

RECOMMENDED BY

SONDEREGGER NURSERIES

Beatrice, Nebraska

If you are now a Subscriber, you may mail or give this Valuable Coupon to a friend who is not.

Garden Lilies . . .

New Sunset Lily Here is a large beautiful lily with thick petals, with the colors of sunset, spotted heavily with purple dots, and a center of deep golden color. It is a stout grower and does well in most any soil. Planting depth 6 inches. This is a wonderful addition to the choice lilies we are offering. Nice bulbs, 50c each; 3 for \$1.30, postpaid.



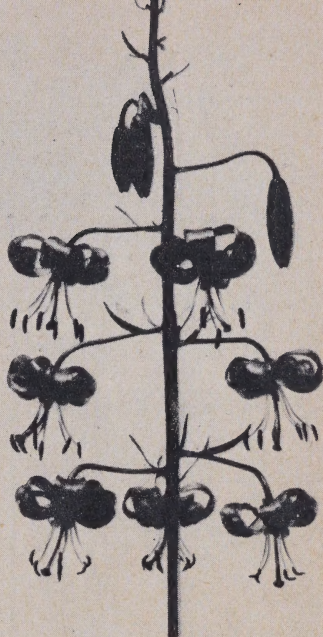
New Wonder Lily 3 ft. tall. Blossoms like Easter lilies; long white trumpets in August. Plant 4 inches deep. 30c each; 3 for 80c, postpaid.

A Bed of Hardy Lilies

for
\$2.10
POST PAID

- 2 Regal
- 2 Red Coral
- 2 Giant Tiger
- 2 New Wonder

FREE:
6 Lilies of the Valley



Lily of the Valley The lovely fragrant spring flower. Does extra well in shady places. 6 for 45c; 12 for 80c, postpaid.

Red Coral Lily of Siberia 1½ ft. tall. Blossom petals recurved, blooms very freely in June. Plant 4 inches deep. 25c each; 3 for 65c; postpaid.

Our Peonies are all top size, 3 to 5 eyes each. Plant them deep enough to cover the eyes 1 inch.

Ad. Rosseau Early, shining crimson with darker shading, almost maroon. Ranks very high with florists.

Felix Crousse Brilliant ruby-red, mid-season, blooms very freely, exceptionally well shaped.

Festiva Maxima White with center petals tipped red. Midseason, very large and double. Bush very vigorous.

Prince of Darkness If you like to have the very darkest in line of Peonies, a beautiful double, mid-season flower, this is your best bet.

Price of all Peonies listed above: 45c each, 3 for \$1.20; postpaid.

Sarah Bernhardt Apple blossom pink with silvery edges on petals. Mid-season. There is no better showy pink Peony. 60c each, postpaid.

Mixed Red All guaranteed double, strictly No. 1 roots. 30c each; 3 for 80c; postpaid.

Double Peonies Assorted Colors . . .

Mixed Pink All are double flowering, strong roots. 30c each; 3 for 80c; postpaid.

Mixed White Finest double, all nice roots. 30c each; 3 for 80c; postpaid.

PLANTING INSTRUCTIONS

Peonies can be planted in the spring or in the fall. As a rule the spring planted roots grow into good size plants the first summer, and bloom as well as older plants the following spring. We prefer the spring planting. The only important point in planting Peonies is, that they will be planted at the proper depth. The eyes should be covered not less than ½ inch deep, and not over 1 inch deep.

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Sonderegger's TERMS

Prices Are Higher Now Although most of our prices had to be advanced for 1944, in order to meet the higher cost of production and handling, our general price index today is not higher than the pre-depression level of 1928. Prices of nursery stock are now on a normal level, and it is safe to state that they will have to remain at this level or raise further, even after the war. In no other line of goods can you buy peace-time quality, without priority, points or permits, at pre-depression rates. So even the apparently higher prices we are quoting this year are really favorable to the man who wants to plant.

Guarantee All shipments are guaranteed to reach you in first class condition. Replacements are furnished free if a tree or shrub is not in satisfactory condition upon arrival, and if you notify me promptly. Stock that dies during the first growing season is replaced at one-half of the regular price. Claims, however must reach us before October 1, 1944.

Stock True to Name All Sonderegger trees and plants are carefully labeled, and are true to name. However, if there should ever be an error found in the filling of an order, any tree or plant that is not true to name shall be replaced without any cost to the customer, or refund of purchase price shall be made. Claims to be sent in within 6 years from date of delivery. A stronger guarantee than most nurseries put out.

Sales Tax There is no Sales Tax in Nebraska, and no Sales Tax needs to be added to your order. However, in the event that a national Sales Tax becomes a law, such tax should be added to your order.

Remittances Money orders and bank drafts are absolutely safe to mail in a letter. Personal checks from any of our friends and customers are also accepted. Cash should be sent by registered letters only; it is not safe to send cash in ordinary letters. When the remittance is not sent in with the order, and instead the amount is to be collected on delivery (C. O. D.), one-half of the total of the order should accompany the order as a down payment. C. O. D. shipments are seldom requested; it is an expensive way of making remittances, and often causes a little delay in the delivery of live trees or plants.

Prices This garden book and prices therein quoted cancel all former price lists or quotations. All prices quoted in this book are subject to change without notice after June 1, 1944.

10% Premium on Club Orders When several neighbors club together and send in a combined order, we send along a premium, customer's choice, selected from this book. The premium to be worth 10% of the order total.

Disclaimer on Seeds I exercise great care to keep all seeds properly labeled, clean, and pure. However, I am compelled to make all seed sales under the following disclaimer: The Sonderegger Nurseries & Seedhouse give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds they sell, and will not be responsible for the crop. Every reputable seed house is using this same disclaimer.

Attached to every shipment of trees or plants is a copy of Certificate of State Inspection.

Fancy RHUBARBS

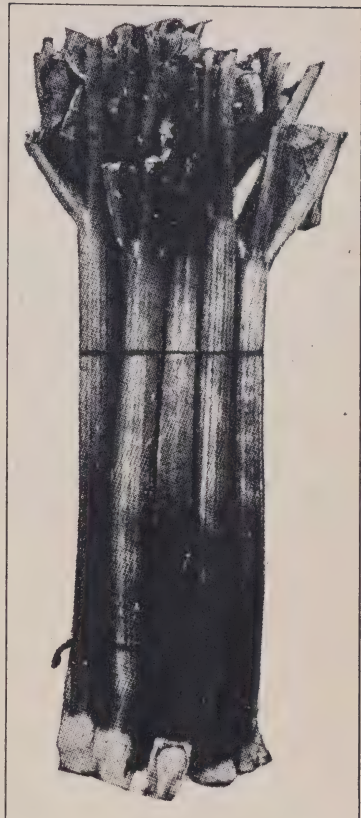
[PIE PLANT]

Our Rhubarbs Bear the First Year

Giant-Stalk Victoria For years this has been the heaviest producing Rhubarb for the home-garden. Producing heavy, thick stalks, 14-inch average length, in two heavy bearing seasons, spring and fall. Quality of this Rhubarb is better than any of the older sorts. Victoria Rhubarb should be planted on moist ground, preferably in the shade, where it is not so apt to make seed stalks. Our heavy roots will produce a good crop the first year. Heavy roots, 3 for 40c; 6 for 65c; 12 for \$1.00; medium roots, 3 for 25c; 6 for 40c; 12 for 65c; prepaid.

●

Proper Care of Rhubarb All Rhubarbs prefer a little shade, the North or East side of a garage are excellent places for a Rhubarb patch. At planting time dig a fair size hole, to accommodate the roots without cramping. Fill in around the roots with good top-soil. Manure should not be brought in contact with the roots. The crowns of the roots should be just barely covered with soil. Deep planting is not satisfactory. Water well, to settle the soil. Always use the heavier stalks, and leave at least two or three of the smaller center leaves. In late fall apply a mulch of leaves for winter.



New Paradise Asparagus

A great improvement over all former varieties. Rust-proof, bears larger, thicker tips of finer quality than anything that has ever been produced in Asparagus. Plant more of this permanent hardy vegetable. Take advantage of these new low price rates for strictly first class young plants which are sure to start.
10 for 50c; 25 for 85c; 100 for \$3.00; postpaid.

How to Grow Asparagus.

Manure the ground heavily, using well rotted barn manure. Make a trench 8 to 10 inches deep. Have 4 inches of good rich ground on the bottom, spread the roots out evenly and fill in about 3 to 4 inches of soil. Leave the rest of the trench lay open for the first summer. Let all stalks grow the first year. Fill the trench up in the fall of the first year. Let several stalks grow on each plant the second year. In the third year allow one stalk per plant to grow up, cut all others as soon as they appear above the ground. Cultivate occasionally. Plant 1 ft. apart in the row, the rows 3 ft. apart.



Special Hardy APPLES

For Long-Lived Fruit
Producers

WINTER

These apples ripen late, and keep well, years of experience we have a selection of satisfactory varieties.

Delicious, Yellow An apple of medium size, golden yellow. Possesses a rich flavor, resembling that of pears, quite sweet. It is one of the finest table apples you can get. Perfectly hardy here, and most anywhere in the Middle West; bears young. Ripens first week in October.

Delicious, Double Red is the best paying apple on the market, and in this improved double red strain the special dark red color develops early in the ripening season, and evenly, covering the entire apple. Due to this fact, the apple can be picked while still perfectly hard, and having its extra fine color. Hard-ripe picking makes this apple the longest keeper of any. Ripens October 10. Hardy in the Middle West, and the tree is a vigorous grower.

Sonderegger trees, because of their greater vitality, bear young and well. This tree, just 6 years after planting, produced over one bushel of extra choice Grimes Golden apples. Upland growing under our severe climatic conditions gives a tree the greater vitality needed for young and heavy production.

Winter Banana Comes from Michigan; a hardy tree. Most productive and bears quite young. Rich in flavor, spicy and aromatic; flesh yellow, firm and juicy. Color a golden yellow; very attractive, and a good keeper. The vigorous healthy growth of this tree, its extra large leaves would even make it a desirable shade tree on the lawn. I recommend this apple for the Middle West, but not north of Nebraska. Ripens October 1.

Jonathan For flavor, juiciness, in fact for a good eating apple I cannot name you a better apple than the old fashioned Jonathan. It is an apple of medium size, the tree is hardy up to the middle of Nebraska, and bears well. It keeps until about January in ordinary cellars. Ripens end of September. Except in the extreme North where it would not be hardy, a few Jonathans should be in every home orchard.

Planting Instructions

Plant Apples 30 by 30 feet apart, or plant 35 by 35 feet apart, and plant filler trees between each 2 apple trees. For filler trees we recommend Plums, Cherries, Dwarf Pears and Peach trees. These fillers will give you an early income from your orchard, and can be removed when the apples require all the space in later years.

Spray Guide

In localities where apple trees, suffer from cessful orchardists follow the spray sched fruit clean. The remedies used are page 23.

PESTS	WHAT TO USE	Tablespoonfuls to 1 Gallon Water
San-Jose and Oyster Shell Scales and Blister-Mite	Dry Lime-Sulphur ..	9 to 11
European Red-Mite	Spra-Mulsion	8
Bud Moth, other chewing insects and Scab	Dry Lime-Sulphur .. and Arsenate of Lead	3 2
	and Hydrated Lime	2½
Codling Moth, Curculio, Bud-Moth Scab, and "Frog Eye"	Dry Lime-Sulphur .. and Arsenate of Lead	2 2
	and Hydrated Lime	2½
Second - Brood Codling Moth.	Arsenate of Lead	2

Sure Growers...

heavy bearers

For Health in Your Home

APPLES, LATE

most of them until spring. From many what we consider the choicest and most

Prices of All Apple Trees

	1	3	10
3-4 ft. trees, prepaid.....	\$0.70	\$1.95	\$6.00
4-6 ft. 3-year roots, 2-year well branched crowns, heavy trees .....	.90	2.50	7.90
5-7 ft. extra select for quick crop	1.10	2.95	9.50

The 4 to 7 ft. trees can be shipped only by freight or express, too large for mail. If your order for trees and shrubs (seeds not included) amounts to \$15.00 or more, we pay the freight.

Grimes Golden Contains practically no acid. combines a rich aromatic flavor with an attractive golden yellow color, and a long season of usefulness. It is one of the oldest apples in America, and still one of the very best. The tree is healthy, a good grower, and bears well, but should be pruned annually as it is inclined to grow bushy. Do not plant it north of the middle of Nebraska. Ripens end of September.

for Apples

insect or disease attacks, succule below. This will keep the Sherwin-Williams products, sec

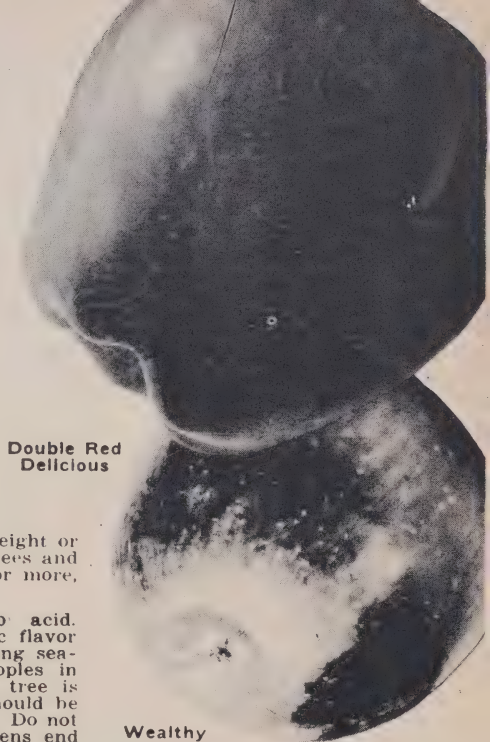
WHEN TO SPRAY OR DUST

When the trees are dormant.

1. When the blossom buds begin to show. (The pre-pink spray, when the buds are in the "Cat's-Paw.")
2. The pink spray—just before the flowers open.

3. At the fall of the petals (Calyx Spray).
4. Ten days to two weeks later.
5. Three weeks after the Calyx Spray.
6. Four weeks after the Calyx Spray.

Approximately ten weeks after the fall of the petals.



Double Red
Delicious

Wealthy

Mammoth Black Twig (Paragon.) A Russian apple, one of the very best for the Middle West. A good bearer, and the tree is perfectly hardy up to South Dakota line. Large, dark red, firm, sub-acid and juicy, keeps well in common cellars. You will find this apple highly satisfactory, and I urge you to plant more of this variety. Ripens middle of October.

MacIntosh Red A sport of the old Snow Apple. Originated in Canada. In Wyoming, Idaho, Montana and high altitudes of New Mexico my customers favor this tree, and for years I have recommended it for these states, and wherever you need an extra hardy apple this variety will please you. Bears well, and the fruit is of fair quality. Ripens middle of October.

Winter Apples Continued on Page 10

PLANTING INSTRUCTIONS

Plant Apple tree about 2 inches deeper than grown in the nursery. This puts the bud (or graft) just above the roots about 1-inch below the surface of the soil, which is just right. Cut the ends of all roots smooth with a sharp knife, making a slanting cut. This applies to all trees and shrubs, and stimulates the formation of new roots.



FALL APPLES

Orchards in times of war are as important as defense plants. And in times of peace orchards rank first among all agricultural enterprises for high profit producers. Plant now, help our war effort first; then, when peace returns cash in on the high returns from fruit trees.

Late Winter Apples, Continued

Northwestern Greening Vigorous grower, extremely hardy; does well most anywhere, especially in the North and Northwest where few apples of such high quality grow successfully. Keeps well, fruit is large, greenish yellow when ripe. One of the best for baking. Restaurants pay premium prices for them. Ripens middle of October.

Stayman's Winesap A popular market apple, very large, striped dark red, keeps well, and is in strong demand for cooking. Ripens in October.

Old-Fashioned Winesap A good tree for home orchard. Apples little too small for market; quality is good, keeps well. Dark red. Tree bears heavy, perfectly hardy in the Middle West. Ripens middle of October.

York Imperial (Johnson's Fine Winter Y. I.). This old-fashioned apple is rapidly coming back to popularity. It is a large red apple, tender and juicy. Perfectly hardy in the Middle West, also Southern Minnesota and Wisconsin. I recommend a combination planting of York Imperial and Stayman's Winesap for extra heavy bearing. Ripens first week in October.

PLANTING INSTRUCTIONS

Fill in with good top-soil around the roots (no fertilizer to be added to this soil), and water well at planting time. Watering is the best method of packing the soil firmly around the roots. After planting apple trees should be pruned. Cut all branches back to about one-half of their length. The center-leader may be cut back a few inches.

Ripening between early apples and late (winter) apples, they keep fairly good, and in the extreme North where late apples would not mature, these fall apples are considered winter apples and in such localities will make very good keepers. They furnish fruit after the early apples are used up, and before the late varieties commence to ripen.

Anoka A nice apple of fairly good size, yellow with red stripes. Ripens end of August, and makes a nice apple for the North. Not a new apple. For a good many years I have grown this sort for special orders, and recently, due to increased demand, I have grown more of them. Add 10c per tree to the prices quoted for apples.

Wealthy This apple does well most anywhere, can safely be planted in the North also. It is a great bearer, in fact few varieties are so hardy and so productive. A good apple for eating, cooking, drying or pies; large, mostly covered with red, fine grained and juicy. Without this good apple your orchard is not complete. I recommend it, knowing how pleased you will be with your Wealthy apple. Ripens in September.

Farm . . . APPLE

- 1 Red Delicious
- 1 Winesap
- 1 Grimes Golden
- 1 Jonathan

8 trees, all
for early

Free 2 Dianthaflora Mock Orange, beautiful flowering shrubs, 3 to 4 ft. size.

EARLY APPLES

Early apples are hardy anywhere, and they bear extra well. Due to the fact that they cannot be kept very long after ripening, they should be planted in small numbers only, unless there is a large city nearby where early apples would find a good and profitable sale.

Duchess of Oldenburg

Medium to large in size, greenish yellow with red stripes. Bears heavily. It is a little sour, and on that account an excellent apple for cooking. The tree is a wonderful grower, making a large crown, with a heavy foliage. If you would need a combination fruit and shade tree, this apple would do well, and for that purpose I recommend the 4 to 6 ft. size for planting.

Early Harvest

The first apple to ripen; with us here usually about July 4. On the farm my father counted this apple and Mayflower Early Peaches to be the earliest of the large fruit trees. You must grow these trees yourself to appreciate fruit of such quality and so early in the summer.

Red June

An old-fashioned early apple. Have small supply of trees on hand; order early and reserve your Red June apples. Ripens with Yellow Transparent; medium size, yellow with red stripe.

Yellow Transparent

Ripens a few days after Early Harvest. It is of pale yellow color and larger than the Early Harvest. Flesh white, of finest quality. The tree bears very young, and is perfectly hardy. This is one of the finest early fruits that can be grown in any locality.

Prices of All Apples Page 9

... Home ORCHARD

1 Wealthy

1 Duchess of Oldenburg

1 Red June

1 Dolgo Crab

4 to 6 ft. trees,
bearing for

\$6.30

By Express



Whitney, the Sweet Crab, bear well anywhere

Two...

Fine Crab

Apples

Dolgo The Dark Red Jelly Crab. The high quality of this beautiful red crab apple, the abundance in which they are produced, and the hardness of the tree, will satisfy you in every respect. For the finest jelly use Dolgo Crab apples. The tree bears young, and grows well. You can grow Dolgo into a very pretty shade and ornamental tree. Dolgo is hardy everywhere, and will supply you with its wonderful fruit for many years.

Whitney THE SWEET CRAB. The apple is of good size; I would say on the average as large as the old-fashioned Winesaps. It is green with red stripes, good for raw eating and for cooking. In the North this is considered a very good summer apple. Whitney, Dolgo Crab, Duchess Apple, the Superb Apricot all make very good shade trees, and it seems to me that at this time when so many old shade trees must be replanted it would be well to include a few of these trees for shade as well as fruit for planting around the home. Especially on the farm such trees would be of great value, and if you select the large size, 4 to 6 ft. trees, you will have no difficulty growing them to nice shade tree shape.

Pruning of Apple Trees

So that the trees make an even shaped crown, apples should be pruned every year or two. Shorten the longest limbs. Cut out some of the branches where they stand too thick. Cut out the "water-sprouts." This is done very early in the spring. Trees growing extra fast due to favorable soil or weather conditions, should have a light summer pruning of the new branches. This applies also to Peaches.



Seckel
(Sugar) Pear

Sure- bearing Pears

Prices of All Pears

	1	3	10
3-4 ft. nice straight trees, prepaid	\$0.98	\$2.85	\$ 9.00
4-6 ft. 3-year roots, 2-year crowns, selected specimens	1.20	3.40	10.90
5-7 ft. special grade for quick bearing.....	1.40	4.00	12.80

Bartlett—Early The pear that is first on the market, ripening end of July and August. A pear of fine quality for eating and canning, and the tree is hardy in the eastern states, the corn belt, and of course in the South.

Bosc Winter Pear Finest quality late fall and winter pear; extra large, long tapering, russet. Keeps well. Tree vigorous, and profuse bearer. Hardy anywhere in Middle West and East. Plant more of this wonderful fruit.

Clapp's Favorite Early. It is harder than Bartlett, does well in the northern part of this state, Iowa, Minnesota, Wisconsin and the Northeast. Tree is a good grower, and very productive. Fruit large, pale yellow with dull red and russet specks, fine grained, juicy and sweet. Ripens in August.

Duchess of Angouleme The fruit is large, in quality as good as the best, for keeping, for table use, or for canning. For the Middle West and the East, Duchess should be in every orchard; very hardy, an abundant bearer, and a very fine pear. Ripens in October.

Lincoln Rapidly becoming popular, owing to its very good qualities. It is a large pear, yellow, flushed with bright red; fine for table use or canning. Hardy in Nebraska, anywhere in the corn belt, and the East. Your pear planting should include this tree.

PLANTING INSTRUCTIONS

Pears should be spaced at least 30 feet apart, and due to their tall, upright growth, often fit in well as shade trees for instance in the back yard. Planting of the trees should be done as stated for apples on pages 8 to 11. Pears succeed in poor soil, in fact they begin to bear younger if the trees grow slow due to inferior soil.

The 4 to 6 ft. and 5 to 7 ft. trees are too large to ship by parcel post. If your order for trees (seeds not included) amounts to \$15.00 or more, we pay the freight.

Kieffer The popular late market pear, for canning. A hardy, heavy producer, that can be grown anywhere, even in the North where other pears would not be sufficiently hardy. For fresh eating the quality of Kieffer is not as good as that of the other sorts listed here, but for canning it is as good as any. For this purpose the pears are ground up and canned with lemon, orange, or quince for flavoring. You may try this method; I am sure you will like them, and find canning very simple.

Seckel Pear Also called Sugar Pear. Fruit is not very large, but is of finest flavor, as good as the best for table use, and for this purpose Seckel should be in every orchard. I do not recommend it for canning. Tree is a slow grower, but bears extra well, and is hardy. Can be grown wherever pears are known to succeed. Seckel ripens in September.

Spray Guide

Where pear trees are known to have been mend following this spray guide for a year pests. Use Sherwin-Williams sprays. (See

PESTS	WHAT TO USE	Level Tablespoon- fuls to 1 Gallon Water
San Jose Scale, Blister Mite	Dry Lime- Sulphur ...	9-11
Psylla	Spra-Mulsion	8
Psylla, Slug, Scab and Codling Moth	Dry Lime- Sulphur ... Arsenate of Lead and Nicotine Sul- fate	3 1½ to 2½ and 1

Home Garden Pear Collection

Ripening from July to
October

- 1 Bartlett
- 1 Seckel
- 1 Duchess
- 1 Kieffer

4 fancy 4-6 ft. trees, only
by Express

Free: with this
collection 2 Spi-
rea Billardi
Pink, fancy 3 to 4 ft. shrubs.

\$4.40

Duchess
of Angouleme

The famous
Duchess of An-
gouleme Pear,
one of the hardiest
of the late pears.
It possesses a wonderful
flavor for fresh fruit or
for canning. The pears
shown in this picture are
less than half of actual size.
Duchess is a very large pear.
Easy to grow, makes a large,
well shaped tree.

Douglas A GOOD, BLIGHT RESIST- ANT PEAR.

Wherever Pears
have been known to suffer under blight, a
disease of the wood and foliage, I recommend
Douglas, which is almost completely blight-proof.
The pear is large, very pretty in its color of golden
yellow with a rosy blush. It is well flavored, for
canning or fresh fruit, it ranks with the best. This
tree is a splendid grower, extra hardy, and is a heavy
producer. In most cases, the top-size I am offering will
start to bear a year after planting. Douglas should be in-
cluded in every planting. Ripens in mid-September. Add
10c per tree to prices quoted.

for Pears

attacked by insects, we recom-
mend two, to rid the trees of the
page 23).

WHEN TO SPRAY OR
DUST

When the trees are dormant.

1. Just as the cluster buds
are opening.
2. At the fall of the petals.
3. Two weeks later.

Dwarf Pear Trees

For this year we have no
pear varieties in dwarf-tree
form available. We expect to have Dwarf Pear trees
available again next year.

Orange Quince

A great canning fruit for
home use, and well paid on
the market. The fruit of the size of large apples,
yellow with a heavy covering of fuzz, is a good keeper.
Its texture is similar to pears, and contains the highly
pleasing quince flavor. Can be cooked with pears or
apples, or can be canned for quince preserves or quince
syrup. The tree is not sufficiently hardy in Nebraska
to make a long lived producer, but south of here, and
in the East and Great Lakes region it can be grown
successfully on good soil. Grows to a dwarf tree, and
can be planted 12 feet apart. We have a limited num-
ber of these trees. 2½ to 4 ft. size for \$1.00 each,
prepaid.



Hardy CHERRIES

for Quick, Large Crops

Montmorency
Cherries

SOUR CHERRIES

Very hardy, always sure to bear.

Early Richmond May Cherry. The common medium red cherry, highly productive, and very hardy. Quality is good for pies and canning. An excellent tree for the Midwest and the North, bears regularly. Ripens in June.

English Morello Large fruit, very dark red, nearly black; tender, juicy, rich in flavor, and ripens rather late, quite sour. Hardy up to the middle of Nebraska and Iowa. Tree is of spreading form.

Montmorency The above photo, actually taken natural size of my Montmorency Cherry, will give you an idea of the size and heavy bearing of this tree. It is a good red cherry, not very sour, ripens about 10 days after Early Richmond. Very productive, and hardy throughout the East, Northeast and the entire Middle West. Should be in every town or farm garden and orchard.

Wragg For the West and Northwest. Fruit medium to large, dark red, and of fine quality, almost like English Morello. Tree is very hardy, a good grower, and highly productive. For western Kansas, Colorado and western Nebraska, it is one of the best cherries. Ripens in July.

All my cherry trees are special grown for heavy production, with short stems for best and easiest picking, and even, well shaped crowns. These trees are sure to give you best results. You will be proud of your Sonderegger-quality cherry tree.

PLANTING INSTRUCTIONS

Cherries do well most anywhere, except on low ground, where the soil is apt to stay very wet for days and possibly weeks at a time. The best place to plant is on a slope. The soil does not need to be rich, even poor soil produces good Cherries. Plant Cherry trees 20 by 20 feet apart, or plant them as filler trees in the Apple orchard.

Prices of All Cherry Trees

	1	3	10
3-4 ft. fine, branched trees, prepaid.....	\$0.98	\$2.85	\$ 9.20
4-6 ft., 3-year roots, 2-year tops, well branched	1.22	3.55	11.60
Special Grade, 11-16 inch to 1 inch caliper, choice trees for quick crop	1.40	4.00	12.90

Trees of 4 ft. and up are too large to be sent by parcel post. If your order amounts to \$15.00 or more (not including seeds) I pay the freight on the shipment.

Spray Guide

Cherry trees are hardly ever attacked by rare cases of infection, follow spray guide

PESTS	WHAT TO USE	Level Table-spoonfuls to 1 Gallon Water
Brown Rot, Leaf-Spot, Curculio and Slug	Dry Lime-Sulphur ... and Arsenate of Lead	3 and 1½ to 2½
Leaf-Spot	Dry Lime-Sulphur ...	2½ to 3
Cherry Fruit-Fly or Maggot	Arsenate of Lead	1½ to 2½

Special Popular CHERRY Group

- 2 Early Richmond
- 2 Montmorency
- 1 English Morello

4-5 ft. nice trees

$\frac{1}{2}$ -in. Caliper for.....

FREE with this collection.

2 Chinese purple Wistaria

Vines. Beautiful hardy

Climbers.

\$5.80

By Express

Compass Cherry Plum Cross between a Cherry and Native Plum, growing to a size of 10 to 12 ft. similar to a Plum tree in appearance. The fruit is larger than Cherries, small pit, in great favor for canning and preserves. It is an enormous bearer, and begins to bear very young, sometimes as a yearling. 4 to 6 ft. nice trees, 95c each; 3 for \$2.65; by express.

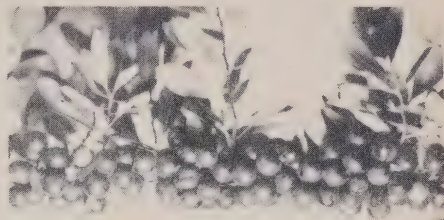
SWEET CHERRIES

Not hardy in the northern states.

Black Tartarian Very large fruit of purplish black color. This is a Heart Cherry, very sweet, of superb quality. The tree is a vigorous, up-right grower, immense bearer. A popular market cherry. I recommend it for the South, the Pacific states, also the Great Lakes region and the New England states. In the Middle West they are not dependably hardy, although they are grown here and there in protected places with fairly good results. A great cherry in its proper place. Ripens fore-part of July. Add 10c per tree to prices quoted for other cherries.

Yellow Glass Fruit large, somewhat flattened in shape, of very beautiful golden color, firm, juicy,

sweet and of fine quality. This is not a Heart Cherry, and is therefore harder than Black Tartarian. It stood our dry summers and cold winters with fairly good results. I can recommend the tree for localities as far north as the southern half of Nebraska. Blooms late. I suggest pinching off the tips of the young branches in July to encourage branching and a dense growth for best bearing. Ripens July 1. Add 10c per tree to prices quoted on other cherries.



for Cherries

insects or diseases. In few very below.

WHEN TO SPRAY OR DUST

1. Just before blooming.
2. When the petals fall.
3. Ten days later.
4. Two weeks after the fall of the petals.
5. Four weeks after the fall of the petals.

Just after picking.

As soon as the fruit flies appear. In case of rain make additional applications.

Hansen's New Bush Cherry My original stock is of the true production by Professor Hansen of Brookings, South Dakota. A greatly improved Sand Cherry. The fruit is fair in quality and recommended for canning (preserves), of good size, small pit, very dark red. Makes a very good hedge, as it grows in low bush form. Resists extreme drought and cold remarkably well. 18 to 24 in. shrubs, 3 for \$1.00; 10 for \$2.80.

PLANTING INSTRUCTIONS

Plant Cherry trees so deep that the bud, just above the root will be about 1 inch below the soil surface, in other words plant about 2 inches deeper than grown in the nursery. Cut the ends of all roots smooth with a sharp knife just before planting. Water well at planting time. The top-branches do not require pruning, except broken branches may be removed.

Sapa Plums

Grow our
young
bearing

Hardy PLUMS

PRICES OF PLUMS (Except European Plums)

	1	3	10
3-4 ft. nice trees, prepaid.....	\$1.00	\$2.85	\$ 9.10
4-6 ft. 2-year crowns, well branched.....	1.22	3.50	11.00
Special Grade, Extra Heavy roots, stems and crowns for immediate bearing.....	1.35	3.90	12.60

The 4 to 6 ft. trees are too large to go by parcel post; they are shipped prepaid freight if your order amounts to \$15.00 or more; seeds and Evergreen trees not included.

Red Wing, Minnesota Plum

Yellow, overlaid with red; freestone; sweet, and of good quality. For raw eating or prepared like peaches with cream and sugar. An abundant bearer, and perfectly hardy.

Waneta The largest of all Hansen Plums, and one of the largest in existence. Red with blue bloom; very good quality. The tree is extra hardy; you can grow this plum anywhere; it bears very young, and most freely.

Hanska Bright red, heavy blue bloom, firm flesh, which has a very pleasing Apricot flavor. Being a Hansen Plum it is very hardy; bears young and heavy.

Sapa Glossy dark purple, flesh is of the same color, and is of excellent quality. Bears young and very heavy.

Omaha Native Fruit dark red with small pit, sweet, well flavored. The tree is exceptionally hardy; will do well even in the extreme North. Omaha is a sure and heavy bearer.

Golden Rod, Native The finest plum, sweet and tender with very good flavor. Bears young and freely.

Opata The earliest of the Hansen Plums. Dark purplish red with green flesh, and very pleasant flavor. Ripens end of July. On top of this page, note the branch taken from Opata, a sample of the bearing ability of Hansen Plums, such as Opata, Sapa, Hanska, etc.

PLANTING INSTRUCTIONS

Plant Plums listed on this page not less than 18 feet apart, or plant them as filler trees in the Apple Orchard. The European Plums should be planted at least 25 feet apart. Plums should be planted so deep that the bud (just above the roots) will be about 1 to 2 inches below the soil surface. Cut the ends of all roots smooth just before planting. Plums do well in any soil, can even stand a little excess moisture on low ground. For best pollenizing plant two or more varieties of Plums. They will bear heavier if pollenized by another kind.

Spray Guide

I recommend a dormant spray for all plums, which is to be applied very early in the spring, before the buds open, and should consist of 9 tablespoonfuls of Dry Lime Sulphur per Gallon of Water. In localities where leaf-

European Plums and Prunes

PRICES OF VARIETIES LISTED BELOW

	1	3	10
3-4 ft. very nice trees, prepaid	\$1.15	\$3.25	\$10.00
4-6 ft. extra fine trees...	1.30	3.70	11.60

Lombard The hardest of the European Plums, and does well in light soil. Can be planted as far north as the middle of Nebraska, and bears well here. Fruit oval, violet red, with a yellow, juicy flesh; freestone. Ripens here end of August.

Shropshire Damson The small blue Damson; well known, and in great favor for plum preserves and plum butter. The tree bears heavily, and it is dependably hardy up to and including the southern half of Nebraska. Deserves a place in every garden or orchard.

"Big 4" Plum Special

1 WANETA
1 SAPA
1 OPATA
1 GOLDEN ROD

4-6 ft. trees

\$4.50

Express

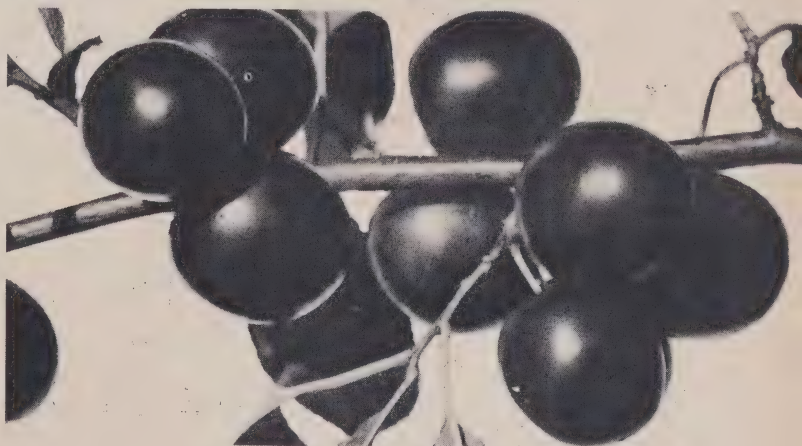
FREE 2 Firebush, 18-In. Flowering Quince

German Prune A large, oval, urple prune, freestone. Flesh sweet and of pleasant flavor. It is firm, very good for drying or preserving. This tree is not hardy north of here, but is much harder than the Italian prune (Fellenbergs), which it resembles closely in size and quality.

Blood-Red BUSH-PLUM

Extra Hardy, Bears Heavy, Produces Young.

A wonderful shrub which produces large quantities of excellent plums, blood-red clear to the small pit (freestone) for canning, fresh fruit, or jelly. Extremely hardy, and will furnish you its first fine crop the year following planting. Nice, strong 3-ft. shrubs, \$1.20 each; 3 for \$3.20, prepaid.



Blood-Red Bush Plums. Actual size of plums about 1 inch diameter.

for Plums

diseases attack plums, which is seldom the case, or where the ripening plums are attacked by worms, apply the spray as recommended for Cherries against Leaf-spot, Curculio and Slugs, see page 14-15.

PLANTING INSTRUCTIONS

At planting time cut back the limbs of your plum trees to about one-half of their length. The leader (center branch) can be cut back a few inches. In good ground plums will grow almost too fast, and it is therefore a good plan to give them a summer pruning the second year. Early in July cut back the new branches a few inches to stop them from growing too much. This will also increase the bearing ability of the tree for the following year.



Hardy PEACHES

Fitzgerald Peaches, the hardiest of all yellow-meated freestone Peaches.

Early Elberta Freestone. A little larger than Elberta, in other respects the same, except that it ripens almost two weeks earlier. Very good for Southern Illinois, Indiana, Southern Missouri and Kansas, but not hardy north of there.

Fitzgerald Freestone. In hardiness and productiveness as good as Champion, the only difference is the color of the flesh. Fitzgerald is yellow meated, same high quality as Champion.

Mayflower Semi-Cling. This and Alexander Early are the earliest peaches you can have. White meated, good size, and fine quality. Gets a nice red color even before fully ripe, blooms late and is fairly hardy. Ripens early in July.

PLANTING INSTRUCTIONS

Plant Peach trees not less than 20 ft. apart, or use them as filler trees between Apples. Even poor soil produces good peaches, in fact the slower growing peach trees in poor soil will live longer than fast growing trees in good soil. Plant the trees from 1 to 2 inches deeper than grown in the nursery, depending on the size you buy. Use just ordinary soil to fill in around the roots at planting time, add no fertilizer to this soil, and water well to settle the soil properly.

J. H. Hale Freestone. Large size, beautiful rich orange yellow color with carmine cheek, smooth, a very good peach. Does well as far north as the middle of Nebraska, and anywhere south and east of here. Ripens end of August.

Heath Cling Clingstone. Best for pickles, large, round, white-meated, juicy, highly flavored. Hardy here, but not in the North. Ripens in October.

Polly Freestone. One of the surest bearers. Claimed to be even harder than Champion. Medium size, good flavor, white-meated, ripens in August. Add 10c per tree.

Spray Guide

If you have had trouble keeping your trees for a couple of seasons, using

PESTS	WHAT TO USE	Level Table-Spoonfuls to 1 Gallon Water
San Jose Scale.....	Dry Lime-Sulphur ..	9 to 11
Peach Leaf Curl...	Dry Lime-Sulphur ..	9
Brown Rot, Scab, Curculio	Mulsoid-Sulphur	2½ to 3
	and Arsenate of Lead	1
	and Hydrated Lime	5

Time-Tested for Quality and Bearing . . . the Best in Peaches

**My hardy
PEACH Collection**

1 Belle of Georgia 1 Polly
1 Champion 1 J. H. Hale

All nice 4-6 ft. trees.

For Only **\$2.95** By Express

FREE 1 Lilac, 2-3 ft. shrub.

Prices of All Budded Peach Trees

	1	3	10	25
2-3 ft. well rooted, prepaid.....	\$0.55	\$1.50	\$4.50	\$10.50
3-4 ft. branched, prepaid.....	.65	1.80	5.80	13.50
4-6 ft. strong, branched trees.....	.85	2.35	7.30	17.50

Trees of 4 ft. and up are too large to be sent by parcel post. If your order amounts to \$15.00 or more (not including seeds) I pay the freight on the shipment.

Belle of Georgia Freestone. Very large, white with red cheek, flesh white and firm with excellent flavor. Hardy most anywhere south of here. Ripens early in August.

Champion Extra hardy. Freestone. Good medium to large size, creamy white with red cheek. Excellent flavor, sweet, rich and juicy, white meated. Champion is one of the hardiest peaches you can grow. I recommend it highly for the Middle West, and anywhere on the northern edge of the peach belt. Ripens in August.

Peach-Cot Sorry we have none of these trees to offer this year. Will have them again in 1945.

Peach Seedlings They are off the market until fall and spring 1945.

Elberta Freestone. The best known market peach, large yellow with red cheek; flesh yellow, firm, good quality. Not hardy in Nebraska. Does well in the South, in Ohio and Michigan. Ripens in August.

Golden Jubilee Yellow - meated freestone, of fair size, good quality and flavor. This is a rather new variety, and is much harder than the Early Elberta, and ripening just slightly later than the Early Elberta, we recommend Golden Jubilee through the Corn Belt and as far north as any of the other peaches, where it will be the only yellow-meated early freestone peach. No extra charge for this variety.

for Peaches

peaches free from worms, spray Sherwin-Williams sprays.

WHEN TO SPRAY

In spring before the buds begin to swell.

1. When 75% of the shucks have fallen.
2. Two weeks later.
3. Four weeks before picking.

Paw Paw (Asimina). A small tree with purple and whitish flowers and handsome foliage. The large fruit, banana-shaped, is edible and improves by cultivation. This has been a native tree in Nebraska, Kansas and most Midwest states, and should be replanted. Of value for ornament as well as for the fruit. Nice 3 to 4 ft. trees, 70c each, postpaid.

PLANTING INSTRUCTIONS

Pruning of Peach trees is an important matter. At planting time cut back all branches to within 1-inch from the main stem. This produces a new, dense crown. As soon as the new branches are about 16 inches long, cut them back to 1 ft. length. During the following years give fast growing peach trees a summer pruning early in July, cutting off just the very ends of all new branches. This makes stouter branches, a stronger crown, and increases fruit production for the next year. Never cultivate around Peach trees after July.



Miss Ruyf of Filley, Neb., sent us this photo of her young orchard with strawberries growing between the trees. This is a very satisfactory planting, and promises to become a fine asset to the Ruyf farm home.

APRICOTS

PRICES OF BUDDED APRICOTS

	1	3	10
2-3 ft. healthy trees, prepaid	\$0.75	\$2.10	\$ 6.50
3-4 ft. well rooted, fine stock, prepaid	1.15	3.20	10.00
4-6 ft. heavy, well branched trees	1.35	3.80	12.00

The 4 to 6 ft. trees are too large to go by parcel post. The freight will be paid on shipment of trees amounting to \$15.00 or more, not including seeds or Evergreens.

Superb Freestone, a very hardy Apricot, and since years the favorite with most fruit growers. The fruit is as good as the finest, the tree is an abundant bearer, and it is hardy except in the very extreme north. This tree also makes a very nice, well shaped shade and ornamental tree.

Moorpark, American Apricot Freestone, very large, yellowish-green with red on sunny side. One of the best Apricots for the market. Excellent for drying and canning. Not hardy north of Southern Kansas and Missouri.

Manchurian Apricot Produced by Prof. Hansen of Brookings, S. Dak., special breeding for drought resistance, and greater hardiness, without affecting the splendid quality of Superb. These trees can be grown anywhere in the North, and, of course, will also give excellent results in other states. Add 10c per tree to prices quoted above.

Chinese Golden Apricot This is considered the largest of all Apricots, and its flavor compares favorably with the best. But even more important is the perfect hardiness of this tree, and its great bearing ability. These features combined speak strongly for the tree, and will make it a valuable addition to any orchard. Usually this tree sells at a higher price, however, to introduce it to my customers, I will furnish it at prices quoted above.

PLANTING INSTRUCTIONS

Apricots should always be planted in pairs for best pollenizing at blooming time. For that purpose the trees may stand 100 to 200 feet apart without affecting cross pollenizing. They make satisfactory lawn and ornamental trees due to their nice foliage and freedom from insects. Plant the trees about 2 inches deeper than grown in the nursery, any soil satisfactory. Prune branches back to about one-half their length. The lower branches can be removed gradually, if a tall stemmed tree is desired. Spraying hardly ever becomes necessary.

Choice NUT TREES

Butternut, White Walnut One of the finest native trees, and often planted for a shade tree. Hardy as far north as South Dakota. The nuts are large, long, quality good. 12 to 18-inch seedlings, 3 for 40c; 10 for \$1.00; 25 for \$2.00; prepaid.

Hazelnut This is the old fashioned hardy type producing nuts of medium size. An upright growing bush, very useful for hedges or screens, or to make up the lower growth of the wind-break. Sometimes included in ornamental plantings for tall growth. 2-3 ft., 35c each; 3 for 95c; prepaid.

Stuart Pecan Hardier than the Common Pecan, and can be grown as far north as southern half of Missouri, southern Illinois and Indiana. The nuts are large, thin shelled, the quality of which is very good. Plant them for home use and market. 2-3 ft. grafted trees, \$1.20 each, prepaid.

Black Walnut A beautiful large tree of rapid growth, especially on bottom land. The nuts, although hard-shelled, are of very good quality. Besides being a very good shade and ornamental tree, the wood of Black Walnut is most valuable. Seedling Walnuts see page 29. 6 to 8 ft. well shaped trees, for shade, ornament and fruit, \$2.10 each, by express.

American Sweet Chestnut

Does best in medium light, partly sandy soil, no pruning required, and little or no cultivation. Makes a very pretty tree, and also produces nuts of fair quality. I consider it hardy as far north as the southern part of Nebraska, farther north the tree will be hardy but will not produce fruit. 2 to 3 ft. size, 70c each; 3 for \$1.90; prepaid.

Sieboldi Walnut Makes a very pretty tree which bears young and abundantly. It is hardy along the east coast states and from there west through southern Illinois, Indiana, southern Missouri and Kansas. There are some of them growing in Nebraska, but they are not sufficiently hardy to be profitable in this state. The nuts come in clusters, they are heart shaped, easy to open, contain a nut meat of high quality. For the localities recommended this tree will be most satisfactory and should be planted much more freely. 2-3 ft. nice trees, \$1.00.

Russian Mulberry

This is one of the most useful trees that grows, and is hardy as far north as northern Nebraska and Iowa. Grows a large spreading crown, and produces enormous quantities of berries which are often used for canning. On the farm it is a very valuable tree for hedges, shelter belts, for posts and in the wood-lot. For these purposes I recommend planting the 18 to 24 inch size as offered on page 28. The tree grows fairly fast, and is a long-lived tree. The further advantage of the Russian Mulberry is found in the fact that it attracts song-birds. Bird-lovers will find special satisfaction in this tree. For shade and ornament plant our 5 to 6 ft. trees. Each, \$1.00, by express.





from
Berries
 you get
 quick
 returns...
 also see our
 choice
 assortments
 of
Raspberries
 and
Blackberries
 page 70-71

This photo of Boysenberries shows the berries only one-fifth of their natural size.

Boysenberry Berries $1\frac{1}{2}$ to 2 inches long, about three times the size of regular Blackberries, black, juicy, and of a flavor unexcelled by any other berry. This is a cross between Blackberry, Raspberry, and Loganberry, rapidly becoming the best paid berry on the market. Hardy and drought resistant. Produces a vigorous growth, and fruit of finest quality in most any good garden soil. Permit the young growth to lay on the ground where it can be covered in early winter with tomato tops, leaves or straw. In the spring tie the vines up to stakes or a 3-wire fence, for bearing. After picking the berries cut out the vines that have produced the crop. Repeat the same method every year, always leaving the new vines for next year's crop on the ground. The plant is free from insects or disease, and with the culture described above, anyone can have lasting success with Boysenberries. Nice, well rooted plants, 3 for 55c; 10 for \$1.60; 25 for \$3.70; prepaid to you.

Thornless Boysenberry Same as the regular Boysenberries in size, quality of the fruit, growing habits, and is easier to work with, because the plant does not make thorns. Wherever the winter is expected to bring below zero temperatures, the young vines on the ground should have a good mulch, about 6 inches deep, of leaves or straw. This mulch must not be applied too early in the fall. Wait until heavy freezing weather sets in, because Boysenberries are in the habit of becoming dormant very late in the season. Every few years Boysenberries should have some fertilizing. Applying well rotted barn-manure around the plants in early spring, and working it in the ground, will bring splendid results. Plant all Boysenberries about 5 ft. apart in the row. Our **Thornless Boysenberries**, nice well rooted plants, 3 for 85c; 10 for \$2.65; prepaid to you.

Dewberry The improved *Lucretia* Dewberry is an extra good producer, and has a nice large berry. Grows on the ground, where the vines can be covered over winter, in northern localities. The oldest vines are usually removed when the berries are harvested. The remaining young vines keep up nice production the following year. 3 plants for 40c; 10 for 90c; prepaid.

Buffalo Berry *Shepherdia*. Red berries about the size of currants literally covering twigs and branches. Make excellent preserves and jelly. Bush absolutely hardy; would also make a desirable ornamental shrub. I am offering this shrub at the request of many of my customers. 35c each; 3 for 95c; prepaid.

Juneberry or Service Berry

A good substitute for the large Swamp Huckleberry or Whortleberry, which it resembles in appearance and quality. Fruit comes in clusters, reddish-purple in color, changing to bluish-black when fully ripe. Flavor a mild, rich sub-acid; excellent as a dessert fruit or canned. It is extremely hardy, not thorny, grows bushy to a height of 7 or 8 feet. Would make a nice ornamental shrub also, and is often used for that purpose, as it is very showy when in full bloom. Juneberry makes no fiber-roots; it is not a fast grower, but lasts for many years. I would call Juneberry a desirable combination flowering and fruit plant. 40c each; 3 for \$1.00; postpaid.

Dwarf Blueberry

For this plant you need a low wet place, shaded, where the soil usually turns sour and few, if any, other plants would grow. Such a spot is just the right place for the Dwarf Blueberry; it increases rapidly, making a pretty dense growth of heavy producing plants about 15 inches high. I do not recommend this plant for dry land or sunny places. The berries are of good size, black with a blue bloom, very sweet; excellent for fresh dessert fruit, drying or for canning. Perfectly hardy, even in the extreme North. Plants are scarce, order early. 3 for 75c; 10 for \$2.00; postpaid.

STRAWBERRY PLANTS

Choice varieties of June-bearing Strawberries. See rear outside cover page.

SPRAY MATERIAL

The following sprays are the three leading remedies to cover insect and disease control, as suggested on a number of pages in this book. Use these sprays according to direction, and remember: spray at the right time. Spraying does not replace lost growth, lost leaves, lost fruit, but if applied timely it prevents losses, and if followed properly for a few seasons, spraying cleans your orchard of the pests.

Arsenate of Lead

The most dependable killer of all leaf-eating insects. Also used to control the first and second broods of Codling moths. Most all drug stores carry arsenate of lead. We suggest that you buy it in your drug store. If arsenate of lead is not available in your vicinity, it can be shipped from here, only by express. Per pound, 40c, 4 pounds, \$1.25.

BEATRICE, NEBRASKA

Youngberry This new berry has been introduced in recent years. The plant is a vigorous grower, and a heavy bearer; it is hardy in the Middle West; however, I recommend a light cover of straw over winter for best results and extra good bearing. The berries are as large as Loganberries, purplish-black; in quality they resemble raspberries. Nice plants, 3 for 40c; 10 for \$1.15; 25 for \$2.50; postpaid.

Hardy HERBS

The following are the most frequently needed herbs. They are hardy, stay in your garden for many years, and continue to supply your kitchen for a long time, beginning the first year.

Sage The best hardy kind for seasoning. This is the true Holt's Mammoth Sage, furnishing large quantities of leaves which are dried, and used for their aromatic value. Per plant, 30c, postpaid.

Chives A plant of the onion family, producing very thin tops, which are cut and used for seasoning in green form, like Parsley. Per bundle, 30c; 3 for 75c; postpaid.

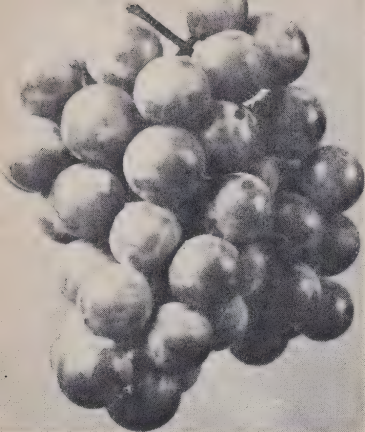
Peppermint A very useful hardy herb, highly aromatic. Per plant, 25c, postpaid.

Horseradish Selected cutting for planting. The best all-white variety. 10 for 50c; 50 for \$2.20; prepaid.

PESTROY, or BORDEAUX MIXTURE

In the control of plant diseases and insects no spray has ever been manufactured to equal Pestroy. In case of fungus diseases, also against chewing insects, use Pestroy. This remedy is better known under the name Bordeaux Mixture. Pound, 45c; 4 lbs., \$1.60; not prepaid, by express.

Dry Lime Sulphur A spray-remedy in powder form, with a strong, unpleasant odor. Directions must be followed carefully when this spray is used on trees or plants with green foliage. This is the only effective spray against scale and any other insects which hibernate in cracks of the bark, and if applied as a dormant spray, before the leaf-buds open in early spring, it will reduce insect pests and diseases to a minimum almost for the entire growing season. Can be bought in bulk from your druggist.



CLUSTER OF BETA

Sonderegger

Grapes . . . hardy, young bearing

Concord, Black The well known, fine old variety, planted everywhere. Bunches and berries of good size, black, covered with a rich blue bloom. Skin tender but firm, juicy sweet when fully ripe; very hardy and productive. There are varieties of better quality for table use, but for jelly, grape juice or wine none will equal Concord for heavy production, and regular bearing. Can be grown most anywhere, for the Middle West it is the most dependable bearer.

	3	10	25	100
2-year nice plants,	\$0.50	\$1.40	\$3.00	\$11.00
2-year No. 1 plants, extra heavy.....	.65	1.80	4.00	15.00

Worden, Black Among the black grapes, Worden is second only to Concord as a popular grape for home use and market. Worden is a strain of the Concord, almost of the same high productiveness. The berries of Worden are a little larger than those of Concord, and have a better flavor. For fresh fruit I would prefer Worden to Concord. Worden is fully hardy in the Middle West, needs no winter protection. Ripens about one week ahead of Concord. 2-year No. 1 nice plants, 30c each; 3 for 80c; 10 for \$2.60; 25 for \$5.00; prepaid.

HARDY GRAPE COLLECTION FOR THE FARM

<p>3 Agawam 6 Concord</p>	<p>3 Niagara All selected 2-year No. 1 plants, for</p>
---	---

FREE: with this Collection, 2 Beta Grapes.

\$2.75

PREPAID

Spray Guide
Where Grape vines suffer from insects or Hams Pestroy as recommended below. See

PEST	WHAT TO USE	Level Table-spoonfuls Per Gallon Water
Black-Rot Mildew and Berry-Moth.	Pestroy ...	9½

Beta, Black Hardy, rapid grower, for windmill cover and arbor planting. Wherever you plant Beta its sturdy, fast growth, and its perfect hardiness will please you. Beta will make quick shade over tall trellis work, arbors, or will cover windmill construction with its good, healthy, clean foliage. Beta produces enormous quantities of grapes, close-set medium size clusters, black in color, highly flavored, one of the very best for very dark colored juice. Make use of all tall structures, fences, etc. Cover them with Beta Grapes for better looks, shade and plenty of fruit. 2-year No. 1 strong grape vines, 28c each; 3 for 70c; 10 for \$2.00; prepaid.

Golden Muscat An entirely new grape, the finest of all table varieties. Berry light golden yellow with white dots and whitish bloom, large oval shaped, very juicy, tender, aromatic, sweet with a refreshing Muscat flavor. Skin thin not adhering to flesh, 1 to 2 small seeds which separate very easily. This new grape is hardy throughout the East and Middle West, is a wonderful producer, the berry clusters are extra large. The best there is for table use. It is not a good shipper, the berries are too tender to stand packing or shipping. Ripens with Concord. Supply limited. Order early. 70c each, postpaid.

PLANTING INSTRUCTIONS

Our two year old Grape vines are exceptionally well rooted, and should be planted in large holes to allow ample room for the roots. Spread the roots out and fill in with good top-soil, no fertilizer to be added. Plant so deep that the vines will part at the surface of the soil. Water well to settle the soil properly. Right after planting cut each vine back to 4 eyes per vine.

Easy to grow --

Fredonia, Black Fancy table grape. This is the finest early black grape of the hardy class. Fredonia is as hardy as Concord. The berries are of large size, black with blue bloom, and they ripen evenly. Fredonia has a most delicious flavor, rarely found in grapes. I recommend Fredonia, and I suggest that you include a few of them in your planting. My Fredonias are of the true original stock. **Extra fine 2-year No. 1 plants, 42c each; 3 for \$1.15; 10 for \$3.50; 25 plants for \$8.00; prepaid.**

Caco The grand table grape. A fancy grape of finest quality. Berries extra large, sweet, juicy, with a most pleasing flavor. Coming in well-shaped clusters of light red or amber color it is a most attractive looking fruit. Caco is perfectly hardy everywhere except the extreme North where it needs a little winter protection. The berries become sweet two weeks before they color up. Caco should be in every garden, it produces well, and there is nothing to take its place for good eating grapes. **2-year-old No. 1 fine plants, 42c each; 3 for \$1.15; 10 for \$3.50; 25 plants for \$8.00; prepaid.**

Portland, White Splendid Table Grape. This is my earliest white grape. A fancy variety with its sweet and juicy berries. It is a hardy grape, as hardy as Concord, and is a healthy grower. Berries good sized, sweet, juicy and of fine flavor. Portland is also a good producer. Portland and the other fancy varieties I am listing in this column will be the pride of your garden. Nice, strong, 2-year-old No. 1 plants, 42c each; 3 for \$1.15; 10 for \$3.50; 25 for \$7.80; prepaid.



FREDONIA GRAPE.

Agawam Red Just as hardy as Concord, and it is really the best of the dark red grapes. Bunches usually loose, berries large, with thick, fleshy skin. A juicy, highly aromatic table grape. Ripens with Concord, and needs no winter protection in Nebraska. Years ago this was one of Sonderegger's stable grapes, and we are listing it again this year at the request of many of our customers. **No. 1 plants, 2 years old, 35c each; 3 for 90c; 10 for \$2.80; 25 for \$6.20; prepaid.**

Niagara, White Its clusters are large, and handsome, compactly filled with large berries having thin but tough skin. When fully ripe they are pale yellow with white bloom. Slightly pulpy, tender, sweet with a delightful aromatic flavor and agreeable to most tastes. Vine is remarkably vigorous and productive. Ripens with Concord, and hardy as far north as Concord. I have had reports of splendid results in commercial plantings in Florida, and at the same time it is perfectly hardy anywhere in the Eastern states and the Middle West. **Fine strong plants, 2 years old, No. 1, 35c each; 3 for 95c; 10 for \$2.90; 25 for \$6.50; prepaid.**

PRUNING INSTRUCTIONS

All the care grapes need in future years consists of pruning. Fast growing grapes should have a light pruning end of June, cutting off the ends of all new growth. Early in the spring, older Grape vines should be pruned, removing the oldest branches, which have already produced a crop, making room for young growth. If Grape vines bleed due to spring pruning, remember, this has no ill effects, and is no cause for alarm.

Fancy "Big 6" Grape Collection	
2 Caco	2 Portland
2 Fredonia	\$1.90
All 6 extra strong 2-year No. 1 Grapes, for only	
PREPAID	

for Grapes

disease, use the Sherwin-Will-page 23 for spray material.

WHEN TO SPRAY

1. When shoots are 8 to 10 inches long.
2. Just before blooming.
3. Just after the blossoms fall.
4. Two weeks later.
5. When the berries begin to touch in clusters.

SMALL TREES *and* FOREST TREES

(Continued
on
Pages
28-29

for large shade and ornamental trees, once transplanted in the nursery, see pages 30 to 36.

for

WINDBREAK WOODLOTS

Ash, White *Fraxinus Americana*. Wood very valuable for lumber and firewood. The Ash is a hardwood tree and probably one of the fastest growers of the hardwood type. Does well anywhere, perfectly hardy even in Canada; also resists the heat and drought of the Middle West. White Ash should be in every woodlot planting.

By Express:	10	25	100	300
12-18 inch	\$0.30	\$0.55	\$1.90	\$4.90
Prepaid:				
12-18 inch	0.35	0.60	2.00	5.10

American Beech *Fagus Americana*. The regular Beech, a majestic tree of hard-wood type. Very popular in the East, but the tree is almost unknown in the Midwest. We are offering this tree at the request of many of our customers, 12 to 18 inch, nice seedlings, 10 for 50c; 25 for \$1.00; postpaid.



Where Charles Sonderegger grows our hardy trees. These photos show just small sections of the growing fields. In the photo above, Charles is looking over young trees. For over 50 years Charles Sonderegger has been actively engaged in growing hardy stock on upland.

PLANTING INSTRUCTIONS

After receiving a shipment, put roots in cold water for a few hours. Before taking the seedlings out for planting, dip the roots in a paste of thin mud, which protects the roots from the sun and wind while planting. Plant seedlings about 1 inch deeper than grown in the nursery. Water well right after planting. Cultivate the soil for the first year, to keep the weeds down. The corn-cultivator will do the work.

Catalpa Speciosa The Hardy Catalpa. This is a tree of tall, upright growth, large light green leaves. To make up the tall growth in a windbreak, one row of these Catalpas in the center will be very effective. The wood of this Catalpa is of great value for posts, and due to the rapid growth of the tree, and its straight, tall stem, the posts are easy to grow, and are very straight. Having hard wood, the posts last for many years.

By Express: 25 100 300
18-24 inch heavy.....\$0.55 \$1.90 \$5.00

Prepaid:
18-24 inch heavy..... .70 2.20 5.60

Caragana Siberian Pea Tree. Excellent for ornamentalscreens and windbreaks. The tall, upright growth, attractive foliage, and a profusion of yellow flowers in the spring have put the Caragana in the foreground for windbreak-border. It is extremely hardy; can be grown with best success anywhere.

Not Prepaid: 10 25 100 300
12-18 inch plants...\$0.40 \$0.75 \$2.60 \$7.00

Prepaid:
12-18 inch..... .50 1.00 3.25 7.90

Cottonwood Populus. Sargentii. The native timber tree. Very common along streams where it holds the soil well and reaches mammoth dimensions, in thickness of its stems as well as the spread of its lofty crown. The Cottonwood withstood the drouth and the cold remarkably well.

By Express: 25 100 300
12-18 inch.....\$0.30 \$0.80 \$2.00
18-24 inch..... .40 1.25 3.20
2- 3 feet..... .50 1.50 4.00

Prepaid:
12-18 inch..... .38 .95 2.30
18-24 inch..... .50 1.45 3.60
2- 3 feet..... .60 1.75 4.50

Elm, American Ulmus Americana. I know of no other shade and timber tree that would be so popular as the American Elm, especially in the Middle West. It is a fairly rapid grower and is hardy most anywhere. The tree makes a large spreading crown, very suitable for shade and street planting. Include American Elm in your wood-lot or timber planting.

Not Prepaid: 25 100 300
6-12 inch.....\$... \$0.70 \$1.90
12-18 inch..... .50 1.40 4.00

Prepaid:
6-12 inch..... .80 2.00
12-18 inch..... .60 1.60 4.50



Forest
Trees
and
Seedlings
continued
on
Pages
28 and 29.

Large
Trees,
Pages
30 to 37.



In 3 to 4 years a Chinese Elm seedling will easily grow to this size.

Chinese Elm *Ulmus Pumilla*. When you plant Chinese Elms be sure they are the true hardy *Ulmus Pumilla* strain, because not all Chinese Elms are fully hardy. Our seedlings are of the Northern hardy type which can be planted safely anywhere, and will be perfectly hardy. The November freeze of 1940 has killed a good many trees of all kinds, and in some localities has also destroyed Chinese Elms. But the extremely rapid growth, and drought resistance of the Chinese Elm still make this tree the popular favorite particularly for quick results on the farm around feed-lots or for wind-protection. Every progressive farmer plants a few hundred seedlings annually, on ditches to hold the soil, along the road and lanes for shade and posts, along his land-limits for wind protection in his fields, and any assortment should include a generous number of Chinese Elms. They produce trees for any purpose in record time.

By Express:	10	25	100	300	1000
12-18 inch...\$	...	\$0.55	\$1.90	\$4.60	\$14.00
18-24 inch...	0.45	0.75	2.30	6.50	20.00
2- 3 feet...	0.55	0.90	3.10	8.90	28.00
Prepaid:					
6-12 inch...	...	0.40	1.00	2.70	8.50
12-18 inch...	...	0.60	2.00	5.00	15.00
18-24 inch...	0.50	0.85	2.50	7.20	...
2- 3 feet...	0.65	1.00	3.60	9.90	...

Hackberry *Celtis Occidentalis*. A most valuable tree that should be included in any timber planting. One of the very best for a long-lived shade tree. Very hardy, and unusually drought-resistant. I recommend it especially for wood-lots and for shade.

By Express:	10	25	100	300
12-18 inch, well rooted, very choice..	\$0.55	\$1.00	\$3.50	\$10.00

Prepaid:				
12-18 inch.....	0.60	1.10	3.70	10.60

Russian Mulberry *Morus*. There is no other tree that would combine so many good features. The tree is entirely hardy, resists drought well, is even successful in alkali soil. Grows very rapidly. It is a perfect boarding house for song birds and bees. The wood is very valuable, especially for posts which are very lasting, and can be grown in a short time. Finally, the seedlings can be planted like Privets for an ornamental hedge.

By Express:	25	100	300	1000
6-12 inch.....	\$0.35	\$1.15	\$ 3.00	\$ 9.00
12-18 inch.....	0.60	2.20	6.00	18.00
18-24 inch.....	0.80	2.80	7.90	20.00
2- 3 feet.....	1.00	3.60	9.80	...

Prepaid:				
6-12 inch.....	0.40	1.30	3.25	9.70
12-18 inch.....	0.70	2.40	6.60	...
18-24 inch.....	0.95	3.00	8.80	...
2- 3 feet.....	1.20	4.00	10.80	...

Honey Locust *Gleditsia Triacanthos*. This Locust will positively not make suckers from the roots. You can grow pasture or lawn grass under this tree, and the grass will do extra well in the shade of this Locust. It is a clean tree, of the hardwood type but growing quite rapidly. Perfectly hardy everywhere, resists drought extra well. For timber, wood-lots, for shade in grazing grounds, and, due to its very stout thorns, for strong, protective cattle fences. For theft and cattle proof fences plant 18 inches to 2 feet apart in the row.

By Express:	25	100	300	1000
6-12 inch.....	\$0.50	\$1.50	\$4.00	\$12.00
12-18 inch.....	0.85	3.60	7.20	23.00

Prepaid:				
6-12 inch.....	0.60	1.60	4.20	12.60
12-18 inch.....	0.95	3.30	7.70	...

Thornless Honey Locust

Gleditsia Triacanthos Inermis. In every respect the same as the Honey Locust, except that it has no thorns. In the seedlings about 60% come true thornless.

By Express:	3	10	25	100
18-24 inch.....	\$0.20	\$0.55	\$1.15	\$4.00

Prepaid:				
18-24 inch, heavy ..	0.25	0.65	1.35	4.60

Black Locust *Robinia Pseudoacacia*. In great favor for Erosion Control. It holds the soil firmly even on extremely steep ground, due to its habit of forming a dense network of roots, which sometimes make sprouts. This tree grows fairly fast; it is a valuable tree for its wood, also.

By Express:	25	100	300	1000
12-18 inch.....	\$0.60	\$2.10	\$6.00	\$18.00
18-24 inch.....	0.90	2.80	7.50	24.00
Prepaid:				
12-18 inch.....	0.65	2.20	6.40	18.70
18-24 inch.....	1.00	3.00	8.00	....

Russian Olive *Eleagnus Angustifolia*. A medium size, clean tree, very hardy. Fine for windbreak, snow-trap, also for ornamental hedges. Foliage silvery-white.

By Express:	10	25	100	300
12-18 inch.....	\$0.50	\$0.95	\$3.40	\$ 9.50
Prepaid:				
12-18 inch.....	0.55	1.10	3.70	10.00

Soft Maple, Silver Maple

Acer dasycarpum. A very popular timber and shade tree, hardy and a rapid grower.

By Express:	25	100	300	1000
6-12 inch.....	\$0.40	\$1.20	\$3.00	\$ 9.00
12-18 inch.....	0.65	1.90	5.00	16.00
Prepaid:				
6-12 inch.....	0.45	1.30	3.30	9.50
12-18 inch.....	0.75	2.10	5.30	....

Evergreen Seedlings

For Windbreaks: How to plant. Plant the seedlings in beds 12 by 24 inches apart. Shade the bed for the first year or two with burlap or lath top. Cultivate and water frequently. Within two growing seasons you will have nice little trees, transplant them with complete root-balls to your permanent windbreak.

Delivery in April Evergreen seedlings can be furnished in April; at no other time of the year. They will be dug just before the shipping, therefore perfectly fresh. Keep the roots protected from wind and sun while you plant.

Prices of Evergreen Seedlings

	10	25	100
Red Cedar, 9-12 inch.....	\$1.50	\$3.50	\$12.00
Austrian Pine, 9-12 inch..	1.50	3.50	12.00
Bull Pine, 9-12 inch.....	1.50	3.50	12.00
Colorado Blue Spruce.....	1.80	4.20	16.00

Prices prepaid to your station.

Large Evergreen trees, which are shipped with balls of earth, see pages 36 and 37.

BEATRICE, NEBRASKA

Osage Orange *Toxylon Pomiferum*. Used largely for stock fences, planted 18 inches apart in the row, also for post growth, and for that purpose space the rows 6 feet apart, the plants in the rows 2 feet. This is one of the very best plants to produce long lasting posts.

By Express:	25	100	300	1000
12-18 inch.....	\$0.50	\$1.65	\$4.50	\$14.00
Prepaid:				
12-18 inch.....	0.60	1.75	4.90	15.00

Black Walnut *Juglans Nigra*. Not timber or wood-lot is complete without a few rows of Black Walnut; even in the windbreak the taller growth of Black Walnut is very desirable for the center rows. Tree hardy, grows fairly fast, on low land, creek bends, etc. It grows as fast as softwood trees. Of special value for its wood. A Black Walnut timber on your farm represents most appreciable assets.

By Express:	10	25	100
12-18 inch.....	\$0.60	\$1.25	\$4.50
Prepaid:			
12-18 inch.....	0.70	1.45	4.95

Please Order Early

We are prepared to handle orders and ship them out promptly, clear up to May. However, with the possibility of some items running short before the planting season is over, you will be sure of getting everything as ordered, if we receive your order well ahead of the planting time. This will give us a chance to reserve your stock for you, and under present labor conditions we can be certain of getting your shipment out at the right time. Ordering early helps you, and helps us.



An Evergreen windbreak is the most valuable of all farm improvements.

Sonderegger Trees

Their Better Roots
Perfect Shapes
for Better Results

Ornamental and

Ash, American White *Fraxinus Americana*

Grows well most anywhere, requires very little attention, and makes a very nice well-shaped crown. Exceptionally hardy, drought resistant; one of the fastest growing hardwood trees. Extra choice, well rooted trees.

	4-5 ft.	5-6 ft.	6-8 ft.	8-10 ft.	10-12 ft.
Each	\$0.40	\$0.50	\$0.75	\$1.00	\$ 1.50
Pair	0.70	0.90	1.30	1.75	2.50
Six trees	1.90	2.40	3.40	4.60	6.50
Ten trees	2.90	3.75	5.40	7.25	10.00

Golden Willow *Salix Vitellina*. In the North, where not all trees are successful, on poor soil, or along streams, this tree grows freely and is a nice appearing tree with its golden yellow bark, upright growth, and yellow catkins in early spring. In the North it is of great value for windbreak planting.

	3-4 ft.	4-5 ft.	5-6 ft.
Each	\$0.35	\$0.50	\$0.70
Pair	0.55	0.80	1.20
Six trees	1.40	2.00	3.00
Ten trees	2.00	3.00	4.00



White Birch in one of our Beatrice parks.

Birch, White European *Betula Alba*

A graceful, tall tree, getting a white bark in later years. Very showy, especially in groups of evergreens. Hardy as far north as the Dakotas and Minnesota. 5 to 6 ft. trees, selected for good roots and nice branched bodies, each \$1.90; pair, \$3; six trees, \$7.90.

Cutleaf Weeping Birch *Grows tall, with*

white bark, and gracefully drooping branches. Very attractive. The tree is hardy in the Middle West, except in the extreme northern part. Well rooted, strong, healthy trees.

	4-5 ft.	5-6 ft.	6-8 ft.
Each	\$1.75	\$ 2.35	\$ 3.20
Pair	3.20	4.25	5.90
Six trees	9.00	12.20	16.80

Ash, European Mountain

Sorbus Aucuparia. A hardy tree of medium size, smooth bark, dense even top, bearing from July till winter, large clusters of bright red berries. A fine lawn tree. 5 to 6 ft. well branched, healthy trees, \$1.90 each; pair, \$3.50.

Chestnut Oak The foliage of this tree resembles the Horse Chestnut, and the tree grows very much in the same habit, developing a beautiful lofty crown. Here in the Mid-West where the Horse Chestnut is a slow grower, this Oak takes its place for pretty appearance, and is a quite rapid grower, besides having the long life of the Oak. 8 to 10 ft. trees, \$4.50 each.

Russian Olive *Eleagnus Angustifolia*

A beautiful lawn tree with spreading crown, silvery gray long narrow leaves. Bark nearly black. Small yellow blossoms in the spring which are highly fragrant. Creates a striking effect on the lawn, in parks or in groups between evergreens or tall shrubs. Extremely hardy and drought resistant. Excellent specimens of this exquisite ornamental tree.

	4-5 ft.	5-6 ft.
Each	\$0.75	\$1.10
Pair	1.30	1.90
Six trees	3.60	5.00

PLANTING INSTRUCTIONS

All shade trees should be planted from 2 to 4 inches deeper than grown before in the nursery, depending on the sizes you plant. The ends of all roots should be cut smooth just before planting. Use only topsoil without fertilizer to fill in around the roots. Water heavy at planting time, and for the first summer the soil around the tree can be kept an inch or so lower, in order to apply water at intervals of 10 days during dry weather. When you water a young shade tree, soak the soil up thoroughly.

The top branches of a newly planted tree can be cut back. On all Softwood trees, such as Elms, Soft Maple and Poplars, cut the limbs back to 6 inches from the main stem. On hardwood trees little pruning is necessary, except to shape up the crown to be well balanced, or to remove a broken branch.

Shade TREES

Soft or Silver Maple *Acer Saccharinum*. Another hardy native upland tree, almost as popular in the Midwest as the American Elm. It is a rapid grower, and by planting our Soft Maples you will get husky, well-shaped trees of which you will be proud at all times. Do not mistake the Silver Maple for a white-leaved tree, as the foliage of the Silver Maple is light green above, and of greenish-gray color underneath, deeply cut. The trees with the leaves of silvery white underneath are Poplars (*Belleana* and *Silver Poplars*). Prices of our Soft Maples are for strictly first class trees.

	4-5 ft.	5-6 ft.	6-8 ft.	8-10 ft.	10-12 ft.
Each	\$0.40	\$0.50	\$0.75	\$1.00	\$ 1.50
Pair	0.70	0.90	1.30	1.75	2.50
Six trees	1.90	2.40	3.40	4.60	6.50
Ten trees	2.90	3.75	5.40	7.25	10.00



AMERICAN LINDEN

Linden, American *Tilia Americana*. Basswood. An excellent tree for shade and ornament, keeping a clean, healthy foliage, and blooming profusely in June. Fairly rapid grower, and makes a well shaped spreading crown. A tree you will like. 5 to 6 ft. nice trees, \$1.75 each; pair, \$3.00; 6 for \$8.20.

Maple, Norway *Acer Platanoides*. A hardy tree of majestic form, perfect outline of the crown. It is a hardwood tree, leaves very large, deep green, changing to a pretty pale yellow in the fall. I recommend this tree for a hardy, long lived tree of special beauty. 5 to 6 ft. trees, each, \$1.30; pair, \$2.10.

American Plane Tree *Sycamore. Piatanus occidentalis*. Also called Buttonwood. A rapid growing tree reaching an enormous height and spread. Bark smooth, light colored mottled green. Very large leaves. Truly a majestic tree, in special favor for street planting in large cities as the tree stands smoke and gases quite well.

	5-6 ft.	6-8 ft.	8-10 ft.
Each	\$1.20	\$1.60	\$ 2.50
Pair	2.00	3.00	4.50
Six Trees	5.50	8.35	12.50

BEATRICE, NEBRASKA

Maple, Sugar or Hard *Acer Saccharum* makes a large pyramidal tree with large, handsome foliage of rich, pleasing green, turning red in the fall. Very hardy, although it is not a rapid growing tree for the Middle West. It is a long lived tree. Nice 5 to 6 ft. trees, each, \$1.80; pair, \$3.25. 8-10 ft. extra choice trees, \$3.70 each.

Shade and Ornamental Trees (continued)



A beautiful specimen of American Elm in a Beatrice park; the silver-leaved tree at left is a Russian Olive.

American Elm "The Patriarch" of our Mid-west Native shade trees. The American Elm shown in the picture above has taken the punishment of two disastrous droughts, two grasshopper plagues, and the severe climatic conditions of our state. Planted by early pioneers, its sturdy crown, and its healthy condition today is indeed all the proof we need when we say: the American Elm is a time-tested tree, hardy, its beauty even improving with age, and suitable anywhere for a fairly rapid growing shade tree. Our trees have been grown for an extra vigorous root-system, and are carefully selected for good straight bodies. These trees will assure you of the best results. Strictly first class trees.

	4-5 ft.	5-6 ft.	6-8 ft.	8-10 ft.	10-12 ft.
Each	\$0.40	\$0.50	\$0.75	\$ 1.00	\$ 1.50
Pair	0.70	0.90	1.30	1.75	2.50
6 trees.....	1.90	2.40	3.40	4.60	6.50
10 trees.....	2.90	3.75	5.40	7.25	10.00
25 trees	5.80	7.50	11.00	15.00	22.50

Chinese Elm Our Chinese Elms are of the true *Ulmus Pumilla* type which is extremely hardy, and of the most rapid growing habit. For very quick results there is no other tree that will take the place of the Chinese Elm. Our selected, extra heavy rooted trees will grow with enormous speed to give you shade or wind protection in record time. These trees have all been transplanted once in the nursery; do not compare them with seedling trees which are much lighter in caliper of the stem. Our sizes of trees are always measured from the ground up, assuring you of full measure. Low prices for the best hardy strain trees on the market.

	4-5 ft.	5-6 ft.	6-8 ft.	8-10 ft.	10-12 ft.
Each	\$0.45	\$0.60	\$0.75	\$ 1.00	\$ 1.50
Pair	0.80	1.10	1.30	1.75	2.50
6 trees.....	2.00	3.00	3.50	4.60	6.50
10 trees.....	3.20	4.50	5.50	7.25	10.00
25 trees.....	7.50	10.00	12.00	15.00	22.50

Elm, Moline A special type of Elm that is just as hardy as the others, but differs in its habit of growth, being a tall, upright grower, almost like the Poplar. It is a rapid grower, the leaves are larger than those of the common Elm. For an erect, tall grower, you will find this Elm highly satisfactory. Straight, well rooted trees.

	6-8 ft.	8-10 ft.	10-12 ft.
Each	\$1.50	\$2.00	\$2.50
Pair	2.60	3.50	4.20
6 trees	7.00	...	...
10 trees	11.00	...	...



HACKBERRY

Hackberry *Celtis Occidentalis*, American Nettle tree. A native tree with slender branches, bright shining green foliage. It grows fairly rapid, resisted our recent period of drought, and also the borers which have damaged trees in some localities. Hackberry will always remain one of the best trees for general planting throughout the Middle West. Special select trees. Only the very choicest.

	4-5 ft.	5-6 ft.	6-8 ft.	8-10 ft.	10-12 ft.
Each ...	\$0.45	\$0.60	\$0.85	\$1.10	\$1.75
Pair	0.75	1.00	1.40	1.85	3.00
6 trees..	2.00	2.50	3.60	5.00	8.00
10 trees.	3.00	3.80	5.40	7.80	12.50
25 trees.	6.00	7.80	11.00	16.00	24.00

The Pin Oak

Very Choicest of
All Hard-Wood
Shade Trees

See picture on front cover page. Rapid grower—hardy anywhere—free from insect pests.



Pin Oak in early spring just before the new leaves appear, and after the winter foliage has fallen.

Pin Oak in mid-summer, a truly majestic tree, of beautiful symmetrical growth, without pruning.

Pin Oak in the winter, retaining most of its leaves after they have turned to a showy red-brown in late fall.

If mother nature had to give a tree that would combine all the desirable qualities of tree-life, she really could not offer anything greater and finer than the Pin Oak.

It grows without pruning to a beautiful shape which can be described only by pictures.

It grows fast, in 12 years time it has outgrown even the fastest growing soft-wood trees.

It is hardy everywhere, resists drought very well, it is free from diseases. It's hard-wood branches never break or split, not in storms nor in heavy snows.

It tops every other tree in late fall when the leaves turn to a rich red-brown color, and remain on the tree until early spring. For shade, for ornament, on the lawns of city or country homes, for street-planting or in parks, think of Pin Oaks, include at least some of them in your planting project.

The Pin Oak is not a new tree. It is one of our oldest trees, and the test of time speaks overwhelmingly in its favor. But in other years it was always considered an expensive tree, selling usually from 3 to 10 dollars depending on the size. This year, and perhaps only this year we offer this tree at special low prices, good only for the spring 1943 planting season.

	2 ft.	3-4 ft.	4-5 ft.	5-6 ft.	6-8 ft.	8-10 ft.	10-12 ft.
Each	\$0.35	\$0.60	\$1.60	\$ 2.50	\$ 3.00	\$ 3.50	\$ 4.50
Pair	0.60	1.00	2.95	4.00	5.00	6.00	8.00
6 trees	1.60	2.60	7.90	10.50	12.90	16.50	21.00

By Express, safe delivery guaranteed.



Bur Oak *Quercus macrocarpa*. Grows to tall tree with massive top, and short trunk, a splendid shade tree, and as a hardwood tree a fairly rapid grower.

	2 ft.	3-4 ft.	4-5 ft.	5-6 ft.
Each	\$0.50	\$0.75	\$1.20	\$1.50
Pair	0.80	1.20	2.00	2.50
6 trees	2.10	3.00	5.00	6.50

European Oak This is a new tree, which was imported shortly before the war, and is now available for the first time. Grows in a tall spire-shape, slightly more spreading than a Poplar. Withstands wind and cold in the Mid-West very well, and besides its pretty appearance has shown a remarkably fast growing habit. Supply very limited; order early. This will some day be the leading ornamental tree. 3 to 4 ft. trees, \$3.00 each; 4 to 5 ft. trees, \$4.50 each.

Poplar, Bolleana Grows to a spire of 80 ft. in height. leaves shining dark green with silvery white underneath. Hardy as far north as Nebraska. Does not make root-sprouts. A beautiful tree of striking effect in the landscape. Well grown, nice straight trees.

	5-6 ft.	6-8 ft.	8-10 ft.
Each	\$1.30	\$1.60	\$1.90
Pair	2.20	3.00	3.50
6 trees.....	5.90	8.00	9.50

Poplar, Volga For the Middle West and the North, this tree takes the place of Bolleana Poplar, as Volga Poplar is much hardier; it is also an upright grower (column shape), however, it is a little more spreading than Bolleana. The leaves are green underneath, also. Grows very fast. Our trees are selected for straight stems.

	4-5 ft.	5-6 ft.	8-10 ft.
Each	\$0.30	\$0.50	\$0.90
Pair	0.50	0.85	1.60
6 trees.....	1.35	2.40	4.50
10 trees.....	2.10	3.75	7.00

Kentucky Coffee-Bean Tree

Gymnocladus dioica. Hardy in Nebraska, and from here east and south. A most picturesque tree, even in winter. Grows to a large size, making a fairly tall stem, with the crown spreading considerably higher than the Elm. With its light blue-green fern-like foliage it shows up nicely amongst other trees in parks as well as street planting.

	3-4 ft.	5-6 ft.	8-10 ft.	10-12 ft.
Each	\$1.30	\$1.50	\$2.00	\$3.00
Pair	1.50	2.50	3.20	5.00

Locust, Thornless *Gleditsia Triacanthos* Inermis. For street and lawn planting it is one of the very choicest long-lived hardwood trees. Without pruning it will grow up to a beautiful shade tree, developing a splendid crown. It is a fast grower, second only to the Elms. Due to an unusually deep root system, grass or flowers can be grown with best success even close to this tree; it never makes sprouts or suckers from the roots. Entirely hardy, healthy and clean. Fancy trees, perfect straight stems, well rooted; the finest on the market.

	6-8 ft.	8-10 ft.	10-12 ft.
Each	\$ 1.50	\$ 2.00	\$ 2.50
Pair	2.60	3.40	4.00
6 trees	6.80	9.00	10.50
10 trees	10.00	13.50	15.50
25 trees .....	...	...	33.00

Locust, Honey *Gleditsia Triacanthos*. A most valuable native tree with spreading branches, forming a large crown of very good and even shape. The leaves are small, coming in sprigs of 18 and more, always free from disease or insects. For a hardwood tree this is perhaps the most rapid grower, and is perfectly hardy everywhere. Has very prominent thorns. This Locust never makes sprouts from the roots. The Honey Locust should be planted more frequently. For easy, quick starting, vigorous growth, and special hardiness that comes only from an upland Nebraska nursery, our trees will please you.

	6-8 ft.	8-10 ft.	10-12 ft.
Each	\$ 0.90	\$ 1.20	\$ 1.50
Pair	1.60	2.00	2.50
6 trees	4.20	5.40	7.00
10 trees	6.20	8.50	11.00
25 trees	14.50	20.00	26.00

Nioba Weeping Willow Near a pool, on the lawn, in parks and cemeteries, the Nioba Weeping Willow adds great charm to the landscape. Its long, slender branches that touch the ground or water-edge in graceful arches, the light green foliage, and during the winter the golden yellow color of bark and branches, assure you of an attractive tree the year round.

	4-5 ft.	5-6 ft.	8-10 ft.
Each	\$0.75	\$1.20	\$ 2.70
Pair	1.30	2.00	5.00
6 trees.....	3.50	5.50	14.00



Flowering Trees

Hopa Crab A tree of rare beauty, blooming in May, completely covered with flowers of deep rose carmine color. Out on the lawn or as a group planting Hopa Crab is like a gigantic bouquet. 3 to 4 ft. branched trees, 90c each; pair, \$1.55; 4 to 5 ft. extra heavy, \$1.20 each; pair, \$2.10.

Florabunda Crab A very showy tree when in full bloom. Blossoms of red or reddish-pink turning almost white before they fall. The twigs are very pretty, often used for bouquets. 3 to 4 ft. nice branched trees, each 90c; pair for \$1.55.

Bechtel's Double Flowering Crab (Pyrus Coronaria). Produces a wealth of double fragrant blossoms of delicate pink color. Makes a wonderful dwarf tree, one of the finest for flowers, which can also be used in bouquets. 2 to 3 ft. nice trees, 90c each; pair, \$1.55.

Dolgo Crab Often used for ornamental tree, as it blooms with extreme freedom, and is followed later by the finest jelly Crab you can get. See page 11.

Smoke Tree Also known as Fringe Tree Purple. It grows to very large bush form, showing up beautifully along with other flowering trees, or in groups of tall shrubs. See page 45.

Hansen Purple Leaf Plum All through the growing season a most showy tree, its reddish purple leaves showing up splendidly. As a single specimen on the lawn, or among plantings of tall shrubs with green of yellow foliage this tree shows up extra well. 3 to 4 ft. nice branched trees, \$1.20 each.

Pussy Willow Produces the large catkins in early spring. Very pretty. The tree is very hardy, a nice upright grower, with good healthy foliage. 2 to 3 ft. nice trees, 60c each.

Red Bud Grows to a well-shaped dwarf tree, of most charming appearance in early spring when every twig is covered with a wealth of lilac-rose blossoms. 5 to 6 ft. trees, \$1.80 each; 2 for \$3.50.



Volga Poplar



Junip. Scopalarum

Spruce

Pfitzer's Junipers

EVERGREENS for year-round beauty . . .

JUNIPERUS SCOPALORUM

For foundation plantings, entrances, and wherever a compact, very trim looking evergreen is desired, this is the best of all—barring none. Can be sheared to any desired form. This tree grows beautifully in any locality. To improve the outside appearance of a home there is nothing which would give results so immediate, so complete, and so long lasting as this Evergreen.

We also have special grafted Juniperus Scopalarum, of fine bluish colors which are of great value for immediate effects in any garden spot as well as near a pool, on cemetery lots, or wherever a very choice colored well-shaped tree is needed. Every shipment fresh dug, direct from the field.

Colorado Blue Spruce

The prettiest of all Spruce sorts, perfectly hardy, with pretty needles, and a good dense growth. Fine for single specimens on the lawn, in parks or on the cemetery grounds. I have the selected good blue type.

Black Hills Spruce

Picea Canadensis. A very dark green spruce, growing to a massive pyramid-shape. Very hardy.

Entrance Collection

2 JUNIPERUS SCOPALORUM, 3 ft.

Plant one on each side of your home entrance, at least 2 feet from the walk or steps, and 2 feet from the foundation wall.

4 JUNIPERUS PFITZERIANA, 18 to 24-inch spread.

Plant two on each side, 3 feet away from the Juniperus Scopalarum, and about 3 feet apart.

All 6 trees with complete root-balls, packed, regular value \$15.50, for only.....

\$12.50

BY FREIGHT



The tall growers are sheared Juniper Virginia.



Pfitzer's Juniper

Red Cedar *Juniperus virginiana*. Extra hardy and drought resistant. Our trees having been under expert care for years, are of perfect shape, and by shearing them every year in June and in September, will retain the compact dense growth. Can be grown to any height. This is the Platte River strain which retains a good dark green color through the winter. Will add immensely to the appearance of any home. Easy to plant and to start.

Swedish Juniper

A compact, upright grower, with a light silver-blue cast to its foliage. Of slower growth than the Cedar, and often used where the tree is to remain near its original size.

Douglas Fir A pretty lawn tree, with dark green, shiny needles. Eventually grows to a large tree with a lofty crown. Very attractive at any age.

Austrian Pine practically like the Scotch Pine in being a rapid grower, with stout branches, needles 4 to 5 inches long, and the tree is perfectly hardy. A most valuable pine.

Pfitzer's Juniper *Juniperus Pfitzeriana*. A Dwarf Evergreen of dark green color, grows in a beautiful vase shape, the only hardy Juniper strain to produce this growth and shape. Very good. Wherever a Dwarf Evergreen is wanted, this tree will be very satisfactory. For a creeping or low spreading Juniper, use the Creeping Juniper.

Creeping Juniper A spreading variety, making a beautiful ground cover for parks, rock garden and cemetery planting.

Chinese Arbor Vitae Stands the winter here perfectly well. It is a fast grower, with pretty light green foliage, that can be sheared, and grows to a nice dense shape.

Prices of All Varieties of Upright Evergreens

Prices include complete root-balls, sewed in burlap cover.

Height in feet	2	3	4	5	6
Arbor Vitae, Chinese.....	\$... \$2.50	\$3.00	\$4.50	\$5.00	
Douglas Fir	2.00	3.00	4.00	5.00	6.00
Colorado Blue Spruce	7.00	9.50	12.00	...	15.00
Colorado Green Spruce.....	3.50	4.50	5.50	7.00	8.00
Pine, Austrian	2.00	3.00	4.00	5.00	...
Juniperus, Swedish	2.00	3.00	4.00	4.80	5.60
Juniperus, Scopulorum, green..	2.00	2.75	4.00	5.00	6.00
Juniperus, Scopulorum, blue ...	2.50	3.75	5.00	6.25	7.00
Red Cedar, sheared	2.00	3.00	4.00	5.00	6.00
Black Hills Spruce	3.00	...	...	...	...

DWARF EVERGREENS

Spread of tree in inches	12-18	18-24	24-30	30-36
Juniperus, Pfitzeriana	\$1.75	\$2.50	\$3.25	\$4.25
Juniper, Creeping .....	...	3.00	4.00	...

FREIGHT: Not included in prices quoted above. I can give you the shipping weight and freight rate on request. Please write number, size and variety interested in.

QUANTITY DISCOUNT: 8% off for pairs; 10% discount on 5 trees or more.

SMALL EVERGREEN SEEDLINGS, page 29.

Frame your garden with a

● HEDGE

Hardy Hedges, for Sheared Form-effect



This is a single-row Privet hedge. Adds a touch of neatness to a garden.

Amur River Privet Amongst all sheared hedges, Amur River Privet stands far out in the lead. Its extreme hardiness is only one of the advantages Amur River Privet offers; a clean, healthy, shining, green foliage, a dense growth that responds wonderfully to shearing are also found in this Privet. I recommend planting either in a single row 6 to 8 inches apart, or in a double row for a very broad hedge, the rows 8 to 10 inches apart, the plants in the rows 8 inches apart, and standing alternately. Right after planting cut them back to within a few inches from the ground to make the hedge bush out low. Shear twice during the summer to even up the new growth. I have well rooted plants, the best for hedges.

Postpaid:	10	25	100
12-18 inch nice plants....	\$1.20	\$2.55	\$ 9.50
18-24 inch heavy plants..	1.55	3.60	13.50

Planting and Care of Hedges

Simplest method of planting is in a trench garden-spade is usually just right. Set the plants in about 1-inch deeper than grown before in the nursery, and before completely filling the trench with soil, apply plenty of water. Finish filling when the water is soaked away, which still makes it possible to put all plants in line. Shear the tops down to about 4 inches from the ground, right after any height. Shear again early the following spring to 8 or 10 inches from the ground. Summer shearing is to shape up the new growth to even height and sides. Spring shearing builds the hedge up gradually, and produces the dense growth needed for good appearance. Flowering hedges need not be sheared.

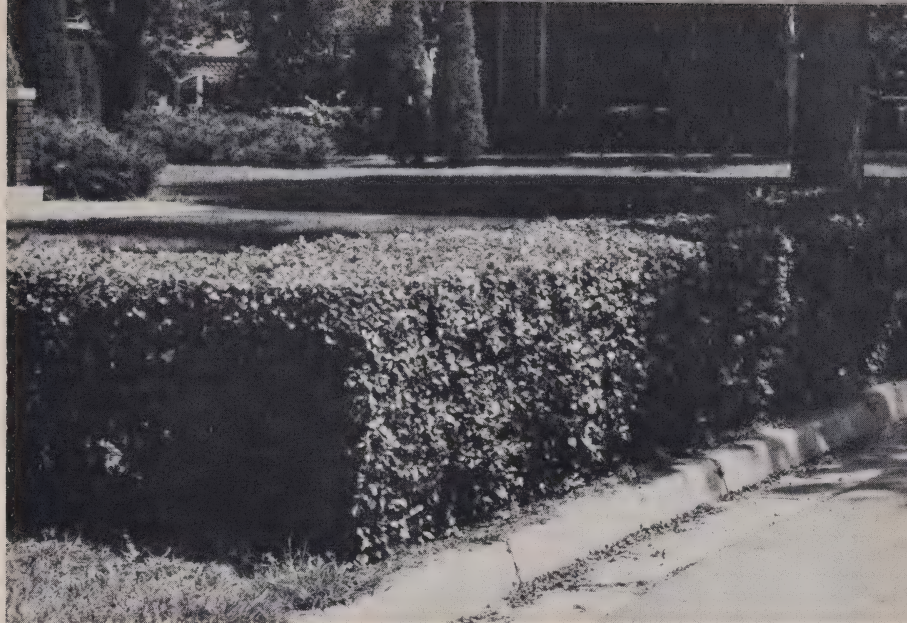
Russian Mulberry Sheared from the beginning, just like Privets, the Russian Mulberry makes a very nice hedge. For this purpose plant 6 or 8 inches apart in the row, or plant in double rows like Privet. Prices of the seedlings, healthy, well rooted stock, and well up to grade, see page 28.

Chinese Elm Due to the rapid growth of the seedlings, and their response to shearing, a quick hedge can be grown from 12 to 18-inch Chinese Elm seedlings, see page 27. Particularly for hedging on the larger lawns of farm properties. Plant 6 or 8 inches apart in the row, cut the seedlings back to 6 inches from the ground right after planting to encourage a low branch system. Shear the new growth once or twice through the summer, and cut the hedge back every spring, allowing only 4 to 6 inches of growth to remain on the hedge from one year to the next.

Barberry, Thunbergi Will make a pretty hedge up to 18 to 24 inches in height. Keeping its neat shining green foliage throughout the summer in perfect condition, changing to a showy red in fall. Densely branched, can be grown in sheared forms or without shearing in natural shape. For shearing plant 8 inches apart, for natural growth 12 inches apart in the row. Larger sizes see page 40. 12-18 inch hedging size, 10 for 85c; 25 for \$1.90; 100 for \$7.00; prepaid.

Roses for the Hedge On page 3 of this book you will find Rugosa-Roses which are perfectly hardy without winter protection, and growing to a height of about 3 ft. are the proper types to plant where a hardy rose-hedge is desired.

A dense Mulberry hedge as shown in this photo is easy to grow, and our extra heavy 18 to 24 inch plants will assure you of quick and complete results.



Flowering Hedges and Screens

Persian Lilac Makes a most elegant tall hedge, will not make sprouts from the roots, keeps a healthy foliage throughout summer and fall, and blooms beautifully at "Lilac-Time." For a fine, dense screen-enclosure, plant Lilacs. Nice hedging size, 12-18 inch plants, 10 for \$3.80; 25 for \$9.00; prepaid.

Old Fashioned Lilac The same as above except for its leaves, which are larger, and is preferred where there is no shortage of ground space, as this Lilac sometimes makes a few sprouts from the roots. Blooms beautifully. Special price on hedging size, 12-18 inch plants, 10 for \$2.50; 25 for \$6.00; 100 for \$22.00; postpaid.

Spirea Van Houtti There is no other flowering hedge of this height (4 to 5 ft.) that would be so hardy, and require so little care as the Spirea Van Houtti. Blooms beautifully in June. 12 to 18-inch nice plants, 10 for \$1.30; 25 for \$3.00; 100 for \$11.00; prepaid.

Bush Honeysuckle Grandiflora Bush Honeysuckle makes a pretty, very dense screen 8 to 10 ft. tall. Plant them 18 to 24 inches apart in the row. Blooms pink in May, later followed by red berries. Extremely hardy, always a fine clean shrub, healthy foliage, and an upright grower. Can be sheared to even height. 12-18 inch nice plants, 10 for \$1.80; 25 for \$4.00; postpaid.

THORNY HEDGES, FOR PROTECTIVE ENCLOSURES

Russian Olive—Silver Leaf

Silvery-gray foliage and twigs, which makes a hedge of these plants very attractive. Plant 8 inches apart in the row, and shear the plants right after planting to 3 inches from the ground to make them bush out low. Will make a nice 4 ft. hedge, or for a tall screen plant 12 inches apart. Shear during the summer once or twice to even up the new growth, and cut the hedge back every spring, allowing only 4 inches of previous year's growth to remain on the hedge. My plants have strong roots, short tops, special hedge-grade. Prices, see page 29.

Osage Orange The most popular hedge for field and stock enclosures. Best for post growing. Osage Orange is coming back; in recent years it has been proven that these hedges protect fields from hot and dry wind, and catch the snow in the winter. It improves farm ground. Use 12 to 18-inch seedlings for hedges; prices, see page 29.

Caragana, Siberian Pea Tree Extremely hardy, makes a pretty screen, very upright in growth, blooming yellow in May. Has a pretty foliage. For enclosure of your garden, as well as for stopping the wind, this plant is very satisfactory. Prices, see page 27.

Flowering



ALTHEA—BRANCH
OF JEANNE D'ARC

ALTHEA

Rose of Sharon

Hardy in the North with protection of straw-mulch. Fine upright growing shrubs (6 ft.), blooming beautifully through late summer and fall.

Althea Ardens Large double
flowers. violet colored

Althea Jeanne d'Arc Pure
double flowers. white

Althea Lucy Finest red, very
double flowers.

Prices of all Altheas: Extra nice 2-ft. shrubs, 49c each, postpaid.

ROSE OF SHARON Collection

1 Violet
1 White
1 Red

All double flower-
ing,
2 ft.
shrubs... **\$1.25**

PREPAID

Barberry Thunbergi Grows to a height of 2 to 3 feet, densely branched and with a clean, healthy foliage, shining dark green throughout the summer, changing to a high tone of scarlet in the fall. Berries showy crimson, remaining on the bush through the winter, are adding to the splendid appearance of this shrub. Stands shearing well, and is often grown for globe and box shapes, also for hedges. Has small thorns along the branches. For a neat border shrub this is one of the best.

Prepaid	1	3	10	25	100
12-18 inch nice hedging size	\$...	\$...	\$0.85	\$1.90	\$7.00
18-24 inch nice shrubs	0.35	0.95	3.00	6.90	...

Red Leaf Barberry (Atropurpurea) Of the same type and strain as the Barberry Thunbergi, also growing to a height of 2 to 3 ft. However, the foliage of this barberry is of a bronzy-red color throughout the entire summer, coloring up to a fiery red in the fall. In a sunny or partly sunny place the color develops best, in full shade it remains almost green. Can also be sheared to forms, in landscape work it is used very generally for color effect. My shrubs are selected for extra good color.

Prepaid	1	3	10	25
12-15 inch nice shrubs	\$...	\$0.75	\$2.00	\$4.50
18-24 inch heavy selected bushy plants..	0.55	1.45	4.40	...

Our Barberries are free from Rust and will never be affected by this disease, therefore can be sent to all states.

Choke Cherry

(Prunus Denissa). Grows to a large size, and can be grown in bush or tree form. Blooms early in the spring in dense racemes of white flowers, a beautiful sight when in full bloom. The cherry that appears later in the season is purple black, sometimes used for canning. Hardy everywhere. 2 to 3 ft. nice shrubs, 45c each; 3 for \$1.20; prepaid.

SHRUBS

Selected for Hardiness

● *Long Life*

Year-round Ornaments

(Page 40 to 47)

Butterfly Bush Trio

- 1 Ile de France.
- 1 Charming.
- 1 Red Dubonnet.

All well rooted plants, will bloom the first year, the three for

\$1.40
PREPAID

Red Dubonnet Butterfly Bush

A new, dark wine-red dubonnet colored type, with firm, large spikes and individual flowers of good size. Does not sunburn, and blooms over a long period from July until heavy fall frost. 60c each, prepaid.

Desmodium, Sweet Pea Shrub

A most magnificent shrub, covered with purplish pink flowers. Blooms abundantly from middle of September until frost. The height of the shrub is 3-4 ft., makes a new bush every year from the root which is hardy. Strong blooming size roots, 68c each, prepaid.

Butterfly Bush

THE 3 FINEST TYPES. Begin to bloom in July, and continue throughout the summer and fall. Roots are perfectly hardy, making a complete new blooming size growth every year.

Ile de France Butterfly Bush Grows 4 feet tall. The giant flower spikes of claret purple appear in great abundance, highly decorative in the garden or in bouquets. Strong, blooming size roots, 45c each, postpaid.

Charming, Butterfly Bush A most beautiful new variety of distinctly pink to lavender shaded blossoms. Very good. Full blooming size roots, 58c each, postpaid.

Double Flowering Almond Rose-Tree of China

Double Pink (*Prunus Amygdalus*). Will form a well shaped bush 4 to 5 ft. high, with erect main canes and bushy branches. In April when the double rose-shaped blossoms cover the slender branches of the bush it is truly a gorgeous sight. Hardy as far north as southern half of Nebraska and Iowa. For the North, I recommend *Prunus Triloba* in place of this almond.

Price of double flowering Almond. 2 ft. nice shrubs, 85c each; 3 for \$2.35; prepaid.





← **Hydrangea Paniculata** Grandiflora.

Commonly called P. G. Hydrangea. Grows 4 to 5 ft. tall, and produces a wealth of immense heart-shaped flowers. When the blossoms first open in August they are white, turning to a pink and bronze color later, and remain on the bush throughout the late summer in that color. Very hardy, and a sure bloomer.

Hydrangea, American Ever-blooming

Also known as Snowball Hydrangea, Hills of Snow, and H. arborescens. Grows to a height of 5 ft. Flowers of dazzling white begin to appear in June, and under normal conditions this Hydrangea will bloom repeatedly during the summer and early fall. Hardy, responds extra well to frequent watering through dry seasons.



New Blue Hydrangea

Flower heads are large, and appear from mid-summer until fall in generous numbers. Likes a shady place, and in Nebraska, and from here north it should have a heavy mulch for winter protection. It cannot stand lower than Zero without protection. In soil which contains a slight amount of alkali the flowers are pink, but as soon as the soil is acidized in any way, the blossoms will be pretty sky-blue. Adding about 1 tablespoonful of Aluminum Sulphate (from the drug store) to the soil at planting time, will produce the nice blue color. Any soil in a shady location, with plenty of moisture, and leaf-mold in the soil to contain natural acid, will produce the blue color without further aid. 2-year-old nice shrubs, the strongest on the market this year, \$1.25 each

← **Highbush Cranberry**

(Viburnum Opulus.) Grows 8 to 10 ft. tall, a magnificent shrub of upright growth and spreading top. Blooms in May, large flat clusters of single white blossoms, followed later by ornamental berries. A very hardy shrub, used quite frequently in the tall groups of shrubs in parks.



← **Forsythia Fortuni**

6 ft. tall, One of the finest early spring flowers, the brilliant golden yellow blossoms appearing before the leaves develop, and literally covering the branches. Very showy, foliage dark green, grows erect, and the shrub is hardy everywhere.

Weeping Forsythia (Suspensa.)

5 ft. tall. In freedom of bloom, time of blooming, and in the pretty shape and color of the flowers much like the above variety, differing only in the habit of growth. The Weeping Forsythia arches over very gracefully, very attractive.

Prices: All varieties of shrubs on pages 42 and 43 (except Blue Hydrangea):
12 to 18 inch nice plants, 39c each; 3 for \$1.00.
2-3 ft. blooming size shrubs, 60c each;
3 for \$1.65.

All postpaid to your door.

Snowball This is the old fashioned → variety, which is perfectly hardy, developing into a large shrub 10 to 12 ft. in height, and blooming most profusely. Of all the later introductions of Snowballs, none has ever come up to this strain in either hardiness, freedom of bloom, or perfect shape of blossoms. It prefers a moist and shady, or partly shaded place. As a single specimen on the lawn, as well as in the background of shrub groups, or against the wall, this is one of the most loved and admired shrubs.



A young Snowball.

Hydrangea Trio

- 1 *Paniculata*
- 1 *American Everblooming*
- 1 *New Blue*

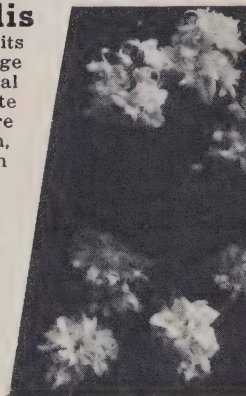
All blooming size plants. **\$2.00** POST PAID

Mock Orange Virginalis

Reaches a height of 5 to 6 feet and its first flowers appearing in May range from semi-double to double. In normal years this shrub blooms again in late summer, at that time the blossoms are single. Of compact but erect growth, very valuable. Blossoms are white, in clusters, and are fragrant.

Flowering Quince *Firebush. Cydonia*

Japonica. Very early in the spring before the leaves appear this shrub produces a wealth of flowers. Deep flame-red cup shaped flowers all along the wood of this shrub are a beautiful sight. Blooming time April and May, later followed by small yellow fruit. The latter is of no market value. This shrub grows to



Blossoms of Virginalis Mock Orange.

a height of 4 to 5 ft., spreads out nicely to form a good bush. It is perfectly hardy, and does well in the sun.

Weigela Rosea Grows to a height of 5 feet, with its gracefully arching branches covering a diameter of 4 to 5 feet. Blossoms rose pink, appearing on each branch in almost artistic bouquet form during June, and usually again late in the summer. A fine shrub for the garden and cut flowers.

Weigela Eva Rathke Much like the *Rosea*, except that the blossoms of slim trumpet shapes are of showy crimson color, and usually has two blooming periods, June and late summer. Very pretty, should be in every garden. Weigelas in bloom are a beautiful sight, and are equally valuable for bouquets.



Weigela Rosea, a beautiful shrub.



Bush Honeysuckle, as shown in this photo, are wonderful bloomers, perfectly hardy, with a good clean foliage, fitting well into any planting. Through late summer and fall highly colored berries decorate these shrubs. We have the four extra nice varieties listed below.

Pink Tartarian Honeysuckle

8 to 10 ft. tall. Grows upright to a dense bush form that can be sheared to form if desired. A good bloomer, and hardy everywhere. The blossoms are of a showy clear pink color in May and June.

Morrowi Honeysuckle 4 to 6 ft. tall, this is the Oriental variety with the lower and more spreading growth. Blossoms pure white in May and June, rich crimson berries later in the season. In strong demand for landscape work for dense growth, and good foliage. Easy to grow, and perfectly hardy.

CORNUS, DOGWOOD

Golden Twig Cornus

Grows to a height of 8 and 10 feet, branches and bark of golden yellow color, very attractive through the winter. 2 to 3 ft. extra strong shrubs, 63c each; 3 for \$1.75; postpaid.

Cornus Siberica

Also called the Coral Dogwood due to the shiny red color of bark and twigs. Grows to a height of 8 or 10 ft., blooms in clusters of white blossoms through early spring. Hardy everywhere. 2 to 3 ft. nice shrubs, 50c each; 3 for \$1.40; postpaid.

Golden Elder (Sambucus Canadensis aurea.)

Makes a large shrub 8 to 10 ft. tall, and branching out well to a pyramidal shape. The large leaves, all or partly golden yellow contrast well in groups of tall shrub plantings. The leaves color up to best advantage in full sun. Blooms in July, large white blossom clusters, followed by black berries which attract birds. Perfectly hardy. 2 to 3 ft. selected shrubs, 65c each; 3 for \$1.80; prepaid.

Buffalo Berry Shepherdia.

A native shrub from the North, growing to a nice shape, about 5 to 6 ft. tall, and bearing large numbers of red berries, attracting birds and also used for canning and medical purposes. 35c each; 3 for 95c; prepaid.

Honeysuckle Grandiflora

Rosea 10 to 12 ft. tall, perfectly hardy, does well most anywhere, a profuse bloomer, blossoms bright pink, followed by showy red berries.

Red Tartarian Honeysuckle

8 to 10 ft. tall of the dense growing Tartarian type, with very dark red blossoms, in fact the best red Honeysuckle. Hardy.

Prices on all Honeysuckles, prepaid:

	1	3	10
12-18 in. nice plants.....	\$0.32	\$0.85	\$2.40
2-3 ft. selected shrubs....	0.53	1.45	4.40

For Climbing Honeysuckles, see page 48.

Hardy Holly ^{Winterberry.} The hardiest of the Ilex family, and successful in the Middle West and East. Showy red berries for winter-decoration. Shrub eventually reaches a height of 8 to 10 ft. Use plenty of Oak-leaf mold, to which Cottonseed-meal and waste-tobacco may be added, also apply plenty of water. In this soil combination the shrub does extra well. Use no commercial fertilizer, not much care required after planting, this shrub wants to be left alone. 12-18 inch nice shrubs, 45c each, postpaid.

Juneberry An extra hardy shrub, with a pretty, healthy foliage, growing to a height of about 7 feet. Blooming white in early spring, it is followed with a great abundance of berries of reddish purple color, turning almost black when fully ripe (edible). 40c each; 3 for \$1.00; prepaid.

Tamarix Hispid ^{A most graceful and continuous} blooming shrub, reaching a height of 12 to 15 ft. unless kept in a lower, dense bush form by shearing the branches every few years. Begins to bloom in June, and continues through the greater part of the summer. Blossoms of carmine pink color, in beautiful sprays. This shrub does not make leaves, its foliage consists of small green buds all along its slender branches, the blossoms appear in the very same fashion. Tamarix are not affected by saline or alkaline soil, they succeed even in the very spray of salt water at seaside plantings. Fully hardy. 12 to 18-inch nice shrubs, 30c each; 3 for 80c; 10 for \$2.40. 2 to 3 ft. selected shrubs, very nice, 55c each; 3 for \$1.45; prepaid.

Fern-Leaf Sumac ^{Staghorn.} A magnificent shrub throughout the year. Reaches a height of 8 feet, perfectly hardy. Beautiful foliage, always free from insects or disease, and coloring to a most attractive crimson color in the fall. At that time it is truly a grand sight. Nice 2 to 3 ft. shrubs, 70c each; 3 for \$2.00; prepaid.

SNOWBERRY and CORALBERRY

Red Waxberry Also called Coralberry (symphoricarpos vulgaris). This is the native "Indian-berry," known for its red berries which it retains through the winter. A neat shrub, with clean healthy foliage, blooming pink in July, followed by red berries. Prefers a shaded place, does well even under old trees, and is perfectly hardy everywhere, requiring little care. Grows about 3 feet tall.

Prepaid:	1	3	10	25
18-24 inch	\$0.25	\$0.65	\$1.80	\$4.00
2-3 feet	0.30	0.80	2.25	5.00

White Waxberry Also known as Snowberry (symphoricarpos racemosus). Grows 3 to 5 ft. tall, a native shrub of the Mid-west, and extremely hardy, grows to a pretty bush shape without pruning, and prefers a slightly shaded spot. Very attractive throughout the year. In June the pink blossoms, through the summer a lustrous clean foliage, in fall and winter the white berries remaining on the bush.

Prepaid:	1	3	10	25
2-3 feet.....	\$0.40	\$1.00	\$3.00	...



A Smoke Tree, blooming beautifully and for several weeks.

Smoke Tree—Fringe Tree, Purple ^{Rhus Cotinus.} Grows 10 to 12 ft. tall. The blossoms of this bush look like puffs of smoke, and they are formed of large, loose panicles bearing extremely small purple flowers. The entire blossom becomes profusely plumose, attaining their attractive smoky appearance. Blooms through the entire summer. Entirely hardy, a strong grower, branching out nicely to a large vase shape. This most interesting shrub, with a clean, shiny foliage makes a beautiful showing as a single specimen on a lawn or in groups of tall shrubs. 18 to 24 inch selected shrubs, 90c each, prepaid.

Extra Choice Lilacs

Finest fragrant flower of early spring. Vigorous growth plus an unlimited blooming ability are yours in Sonderegger's better Lilacs.

You will love your French Lilacs for their wealth of splendid cut-flowers.

LILAC Collection

1 Mrs. W. E. Marshall
1 Madame Lemoine
1 Belle de Nancy
1 Marc Micheli

\$1.95

All 4
Postpaid...



French Budded Lilacs

Grown especially for bouquets, their blossoms being particularly well developed, of beautiful color shades, and highly fragrant.

Charles X. Single, deep reddish purple, very popular.

Belle de Nancy. Double, rose with white center; a beautiful flower.

All varieties listed: Choice extra select 18-inch shrubs, 65c each; 3 for \$1.80; prepaid.

Old Time Lilac, Purple (Springa Vulgaris.)

Grows to a beautiful shrub, dense well shaped, height 10 to 12 ft. with shiny, leathery leaves, and a most beautiful blooming season. Highly fragrant flowers, true lilac purple. Used for single shrubs, in groups, and for hedges, screens and even windbreaks.

Prices of Old Time Lilacs, Prepaid:

	1	3	10	25
12-18 inch.....	\$.50	\$0.80	\$2.50	\$6.00
18-24 inch.....	0.35	0.95	2.80	...
2-3 feet	0.55	1.40	4.00	...
3-4 feet	0.65	1.75	4.80	...

Souvenir de L. Spaeth. Single, the nearest red-purple grown. Blooms extremely freely.

Mme. Lemoine. The most liked double, White Lilac.

Marc Micheli. Double, blue, the best in this color.

Mrs. W. E. Marshall. Single, of outstanding purplish crimson color.

Persian Lilac (Syringa Rothomagensis.)

Sometimes called Chinese and Rouen Lilac. Grows to a height of 10 to 12 ft. and blooms in April and May. Blossoms purple, blooms well, and the special advantage of this lilac is that it does not make sprouts away from the bush. Therefore, it is preferred for hedges around gardens and lawns where the occasional sprouts of the Old Time Lilac are sometimes objectionable. Stands shearing well.

Persian Lilac, Prepaid:

	1	3	10	25
12-18 inch.....	\$0.45	\$1.20	\$3.80	\$9.00
2-3 feet	0.65	1.80	5.60	...

Hardy SPIREA

... always sure to bloom

Spirea Van Houtti - - Bridal Wreath

There is no other shrub which enjoys so much popular favor as the Bridal Wreath, its height of 5 to 6 ft. that can be kept by shearing fits in just perfectly on most places. For hedges, foundation planting, background to smaller shrubs or flowers, as well as for single specimens, few other shrubs fit in so well as this Spirea. May and June is the flowering time of the Spirea Van Houtti. Like huge snow drifts, the branches of the shrub arching as if under the weight of the blossoms with which they are completely covered, this is the Bridal Wreath at blooming time. Perfect hardness, healthy growth, easiest of culture make up the rest of desirable qualities all found in this shrub.

Prepaid:	1	3	10	25
12-18 inch nice plants	\$.30	\$0.50	\$1.30	\$3.00
18-24 inch good shrubs	0.30	0.72	2.15	4.50
2-3 ft. bushy shrubs	0.40	1.00	3.00	6.80

Pink Billardi Spirea

For informal hedges, and wherever you need a medium sized flowering shrub you will find the Billardi Spirea satisfactory. Dense flower spikes of warm pink color, appearing in great abundance from middle of July all through August, this shrub will be a valuable addition to your planting. Very hardy, requires practically no care.

Prepaid:	1	3	10
12-18 inch.	\$0.30	\$0.75	\$2.00
2-3 feet.	0.45	1.20	3.55
3-4 feet.	0.55	1.40	4.00

Snow Garland

The earliest of the Spirea to bloom, usually about two weeks before the Common Bridal Wreath. Flowers snow-white, covering the entire shrub from top to ground level, with every branch a snowy mass of blossoms. The nice feathery foliage of the shrub remains decorative throughout the summer. The shrub grows about 4 ft. tall, spreading very evenly.

Prepaid:	1	3	10
12-18 inch nice plants	\$0.35	\$0.95	\$2.30
2-3 ft. bushy shrubs	0.55	1.40	4.00

Dwarf Spireas

Spirea Anthony Waterer Grows to a height of 2 to 3 feet, upright in growth, and in bloom almost throughout the entire summer with showy crimson flowers, arranged in flat umbels. It is practically ever-blooming, and hardy most anywhere except in the extreme North where it should have a mulch of straw or leaves over winter. Prefers a shady or partly shaded place.

Prepaid:	1	3	10
9-12 inch plants	\$0.25	\$0.65	\$2.00
12-18 inch plants	0.35	0.95	2.90
18-24 inch nice shrubs.	0.55	1.50	...

Spirea Thunbergi Reaches a height of slightly over 3 ft. Stands shearing well, and is recommended for low ornamental hedges. Of outstanding beauty is the foliage of this Spirea, narrow, willow-shaped and very light green; the dense branch system which gives the shrub a massive appearance. Blooms white in early summer. Hardy as far north as Nebraska, the Great Lakes region, and the East.

Prepaid:	1	3	10
12-18 inch plants	\$0.35	\$0.95	\$2.95
2-3 ft. nice shrubs.	0.50	1.40	4.20

Please Order Early

Regardless of labor shortage or war, it has always been a good plan to order nursery stock and seeds several weeks in advance of the planting time, giving your nurseryman a chance to reserve your stock, and getting it to you on time.



Spirea Salicifolia

Spirea Salicifolia

This Spirea takes a valuable spot in the large family of popular Spireas, because it blooms in mid-summer, when flowers of other shrubs are scarce. This shrub grows to a nice bush form, about 5 ft. tall, with an attractive foliage, and the pretty flower spikes of light pink appear in good numbers through July. 2 to 3 ft. nice, strong shrubs, 50c each; 3 for \$1.30; prepaid.

Trees, Plants, Seeds

Still can be had in
peace-time quality.

Climbing Vines

Silver Lace Vine (Polygonum Auberti). There is no other vine which would compare in rapid growth, drought resistance, hardiness, and resistance to insects or plant diseases with the Silver Lace Vine. Covers a large trellis space in one season, reaching blooming size the first year. A most showy vine when in bloom from mid-summer until frost. Roots and most of vine are hardy. Per plant, 55c; 2 for 95c; postpaid.

Perennial Sweet Pea Lathyrus. A rapid growing perennial vine, producing a wealth of flowers throughout the summer, ranging in color from light pink to dark red. A beautiful plant for ground cover, fence-planting or medium trellis height. Each, 25c; 3 for 65c; postpaid.

Madeira Vine Grows from a bulb, which is wintered like the potato, in the cellar. Rapid growing, with shiny leaves, and fragrant white blossoms, for trellis or ground cover. 5 tubers, 50c; 12 for 95c; postpaid.

Trailing Periwinkle Vinca Minor or Creeping Myrtle. Hardy, evergreen ground cover plant, growing to a height of 6 inches, and forming a dense growth. Very attractive. 3 plants for 50c; 10 for \$1.45; postpaid.

Boston Ivy The vine which clings to stone and brick walls. Does best on the north and east sides of the building, gradually covering the entire wall. This is the only satisfactory plant to use on stone or brick walls without support. Each, 52c; 2 for 95c; postpaid.

HONEYSUCKLE VINES

Hall's Honeysuckle Hall's Evergreen Honeysuckle. A very pretty vine with beautiful foliage, densely covering the vine, and with a wealth of creamy-white blossoms in midsummer, which are fragrant. In the South this vine is evergreen, with us here and north of here it will stay green until Christmas. Grows about 12 to 15 feet tall. Nice No. 1 plants, 35c each; 3 for 95c; 10 for \$2.60; postpaid.

Scarlet Trumpet Honeysuckle Foliage odd shaped but attractive and blossoms of trumpet form, scarlet red and fragrant. Very good for trellis and ground cover. It is very hardy, and does well most anywhere. Nice 2-year plants, 40c each; 3 for \$1.00; 10 for \$2.90; postpaid.

New Gold Flame Honeysuckle After having put this new vine through rigid tests, for hardiness, drought resistance and freedom from diseases and insect pests, we can highly recommend this new type of Honeysuckle. It has surpassed all expectations, bloomed wonderfully well from midsummer until after strong freezes in the fall. The flowers, of red and gold color, are very showy, and are fragrant, appearing in pretty clusters. In addition, it is a vigorous grower, covering a normal sized trellis nicely in two years, and will bloom the first year already. 2 year old No. 1 well rooted plants, blooming size, 80c each; 2 for \$1.45; prepaid.

CLIMBING ROSES

Note our selection of hardy Climbing Roses on page 3 of this book.

Ampelopsis Covering an Old Tree Trunk

Ampelopsis Englemanni Clings firmly to trellis work and old tree trunks. Retains an excellent foliage throughout summer and fall, and is very dense. Hardy even in the North. 2-year-old very choice plants, 30c each; 3 for 70c; postpaid.

Beta Grape This Grape is a hardy rapid grower, and is often used in arbors, to cover windmills, or other tall structures requiring a permanent, hardy climber. The fruit of this Grape is very valuable for eating, canning or Grape juice. For healthy heavy 2-year-old Beta Grapes see pages 24-25.

The Best of the Year ... the Prettiest in Existence

LARGE FLOWERING CLEMATIS

After planting them, give them a mulch of Peat Moss or wood shavings in order to keep the soil cool.

Clematis Jackmani The Blue Clematis that is so well known. The color is really a dark purplish blue, and the blossoms in large star shape appear in large numbers, very showy. Nice plants, 90c each; 3 for \$2.50; postpaid.

Clematis Mad. Ed. Andree The best red of the large flowering type: grows and blooms just as well as the Jackmani, in a combination planting with Jackmani and the white flowering Henryi. crossing the branches of all three you get a wonderful picture of the "Red, White and Blue" on your trellis. Nice plants, 90c each; 3 for \$2.50; postpaid.

Clematis Henryi A most beautiful Clematis of the large flowering type with pure white blossoms. Very good. 90c each; 3 for \$2.50; postpaid.

Red, White and Blue Clematis Collection

One of each of the three large flowering Clematis listed above. All choice, selected plants for

Free: with this collection, one Wistaria Vine.

\$2.35
PRE-PAID



Wistaria in Bloom

Chinese Wistaria This vine produces flowers of great beauty. They come in large grape-shaped clusters of purplish-blue, and are highly fragrant. The vine is stout and woody, branches out well over the top of an arbor. Normally these plants begin to bloom after three years. To assure blooming plants I graft my Wistarias with wood from blooming vines, and there will bloom after reaching the proper age. 2-year-old grafted plants, 50c each; 3 for \$1.30; postpaid.

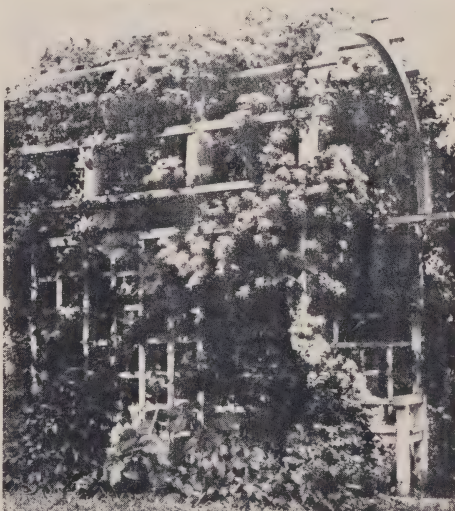
Bittersweet (Celeastrus Scandens). A vine with nice foliage and bearing red berries in late summer which cling to the vine until late winter. Often used in winter bouquets. It is of fairly rapid growth, and is perfectly hardy. 2-year-old nice plants, 40c each; 3 for \$1.00; postpaid.

Trumpet Vine (Bignonia Radicans). A woody vine, very hardy and long-lived, producing the well known large orange-scarlet trumpet shaped blossoms in clusters. Can also be used for covering walls or tree stumps. Nice 2-year-old vines, 32c each; 3 for 85c; postpaid.

Virginia Creeper Woodbine. A native American vine, a strong, hardy, rapid grower with dark green foliage changing to showy red in autumn. 2-year-old No. 1 plants, 20c each; 3 for 50c; 10 for \$1.40; postpaid.

SMALL FLOWERING CLEMATIS

Clematis Coccinea Red flowering, similar to Clematis Paniculata, except for the color of blossoms and the flowers are bell-shaped. Blooms very freely. 2-year No. 1 plants, 50c each; 2 for 90c; postpaid.



Garden Arbor Covered With Clematis
Paniculata

Clematis Paniculata A hardy type of vigorous growth, blooming over a long period through late summer and fall. Almost free from any insects. Blossoms star-shaped in clusters, white. Nice 2-year-old No. 1 plants. 50c each; 2 for 85c; prepaid.



IRIS

Sure to bloom

Price of All Varieties: 25c each; 4 for 89c; 12 for \$2.50; prepaid.

White Iris

Florentina Alba. 24 inches. Pure white.
White Intermediate. 16 inches. Very early.

Yellow Iris

Honorabills. 20 inches. Yellow standards, brown falls. Always sure to bloom well.

MIXED IRIS

Unnamed. All Colors and Shades. 12 for 60c; 25 for \$1.10; postpaid.

Sonderegger's Yellow Iris ²⁴ inch.
 A clear lemon yellow, very showy, the best yellow Iris we have ever found.

Blue and Purple Iris

Sonderegger's Blue. 24 inches. Very large flower, orchid shades and dark blue.

Blue Bird. 24 inches. Standards light blue, falls rich dark blue. Blooms very freely.

Blue Intermediate. 16 inches. Dark blue.

Perfection. 24 inches. Standards light blue, falls dark velvety violet-black with orange beard.

Siberian Blue Iris. Hardy, thrives in most any soil. Blooms at a height of about 12 inches, and the plants gradually forming large clumps, produce an astonishing wealth of neatly shaped Iris. Excellent for borders, blooms early.

Satch. 30 inches. Large flowers, standards fine shade of violet, very dark blue falls.

California. 24 inches. Very dark reddish purple Iris.

Pink Iris

Large Pink. 32 inches. Light pink standards, wine-red falls. Blooms well.

Red Intermediate. 18 inches. Warm pink to wine color. Blooms early.

Lavender and Violet Iris

Amos Hybrid. 30 inches. Very large blossoms, violet standards, falls rich purple.

Monsignore. 28 inches. Standards rich satiny violet, purple crimson falls. Blooms late.

Lavender. 28 inches. Very large blossoms, pure lavender.

Two-Tone Iris

Frederick. 28 inches. Pale lavender with light blue falls. Blooms well.

Madame Chereau. 24 inches. With blue fringe on standards and falls. Sure bloomer.

Nibelungen. 30 inches. Standards old gold, falls dark wine-red. Extra good.

Rhein Nixe. 26 inches. Ivory white standards, falls lovely mauve with white edge. Blooms late.

Plant Iris shallow, covering the corms only 1 to 2 inches deep. They do well in any soil. In the North they may have a mulch of leaves over winter. Can be planted in the spring or in the fall, with good and quick results.

"Big 4"

DAHLIA
COLLECTION

- 1 Mrs. Geo. Le Boutillier
- 1 Jersey Beauty
- 1 Flora
- 1 Jane Cowl

\$1.00
POST
PAID

America's Choicest DAHLIAS

Registered
Bulbs
True to Name



Mrs. I. D. Ver Warner

DECORATIVE DAHLIAS Extra Large Flowering, Highly Colored, Full Double to the Center. Extremely Showy.

Coquette Beautiful red and gold.

Bashful Giant Apricot glow with beautiful pink shading.

Jersey Beauty Very fine true pink, stands up well in hot weather.

Mrs. Geo. Le Boutillier The largest and best red of all Dahlias. Should be in every planting. Each, 55c, postpaid.

California Idol Finest light yellow, a new Dahlia. Each, 40c, postpaid.

Flora Large, pure white, very double.

Kemp's White Wonder A most outstanding new, large white Dahlia. Each, 30c; 3 for 75c; postpaid.

Mrs. I. D. Ver Warner Very beautiful shade of orchid-lavender, large flower. Each, 25c; 3 for 60c; postpaid.

Jane Cowl Glistening bronze-buff and salmon shading. Each, 25c; 3 for 60c; postpaid.

Blue River A new Dahlia, large double flowers, beautifully shaped, of dark lavender color. Each, 55c; prepaid.

SHOW DAHLIAS With Ball-Shaped Flowers, Perfectly Double to the Center. Should Be in Every Garden. For Bedding and Cut Flowers.

D. M. Moore Very dark red, nearly black, stiff stems, fine cut-flower, very popular.

Yellow Duke Beautiful clear yellow.

A. D. Livoni One of the most popular pink Dahlias, showy; good cut-flowers.

Maude Adams Popular white with rosy blush.

Purple Ball Extremely showy, very colored, double, and highly purple.

Bonnie Blue A fine, globe shaped double Dahlia of rare bluish color. Should be in every planting.

POMPON DAHLIAS These Are the Miniature or Lilliput Dahlias Preferred for Cut Flowers for Their Pretty Shapes.

Snow Clad The prettiest white.

Golden Queen Deep yellow, the best in this class of Dahlias.

Gertrude A prize-winning crimson Pompon Dahlia, of pretty shape, and blooming very freely.

Fairy A true pink flower, double, well shaped, should be in every planting.

Blue Eyes This miniature Dahlia is the only bluish colored in existence, a very pretty flower in the garden or in bouquets.

Prices: All Dahlias, unless quoted otherwise, 28c each; 3 for 70c; 10 for \$2.00; postpaid.

Planting Instructions Will Come With Your Bulbs

*Sure to
bloom*

CANNAS

Fancy, top size
Bulbs

6 for 68c

12 for \$1.10

25 for \$1.95
POSTPAID

Finest Orchid Types
All Varieties Labeled

Guaranteed
True to Name

City of Portland. The most perfect pink Canna. Green foliage. Grows 4 ft. tall.

Hungaria. Satiny pink. 3½ ft. Blooms well. Green foliage.

Red King Humbert. Orange scarlet. 4 ft. Leaves bronze red.

Richard Wallace. Canary yellow, grows 4 ft. tall with green foliage. Very good.

The President. Glowing scarlet. 4 ft. Green leaves.

Statue of Liberty. Grows 6 to 7 ft. tall, bronze foliage, blossoms blazing flame red.

Wyoming. Showy orange, very good. 5 ft. Strong bronze colored foliage.

Yellow King Humbert. Golden yellow, blotched red. 4 ft. Foliage green.

7 ft. round Canna Bed

Center: 1 Statue of Liberty
1st Circle: 6 Wyoming
2nd Circle: { 6 Richard Wallace
6 Hungarian
19 Bulbs

\$1.50
POST
PAID

10 ft. round Canna Bed

Center: 9 Statue of Liberty
1st Circle: 12 Wyoming
2nd Circle: { 6 Hungaria
6 Yellow King Humbert
6 President
39 Bulbs

\$2.95
POST
PAID

Plant 18 inches apart, 4 inches deep. Water frequently. A sunny place gives best results. Take Canna bulbs up in the fall after frost, store in the cellar free from freezing.



A Canna bed, large or small, is always a grand sight, and at its best in late summer and fall when flowers are scarce. This photo also shows the value of Juniperus Pfitzeriana (page 37) as a permanent bank cover.

Gladiolas

All large blooming-size bulbs

Special-Select, Labeled

Assorted Varieties: 6 for 40c; 12 bulbs, 68c; 25 for \$1.20; 50 for \$1.95; 100 for \$3.60; postpaid.

RED

Cardinal Prince. Very fine red, early mid-season.
Virginia. Intense scarlet, large well formed blossoms.
Morocco. Darkest of the dark red Glads.
Flaming Sword. Extra deep red, perfect shape. Early.
Bagdad. Flowers of giant size, on large spikes, a beautiful old-rose color.

PINK

Dream of Beauty. Mid-season, American Beauty pink. A most desirable variety.
Picardi. Shrimp-pink, an excellent flower.

YELLOW

Gloriana. Rich salmon color with golden yellow throat. One of the best mid-season bloomers.
Primrose Princess. Light primrose yellow, very fine.

WHITE

Maid of Orleans. A new tall, and early blooming variety. Stands up well. Large blossoms, white with creamy throat.
Carmen Sylvia. Beautiful large snow white.

LAVENDER AND BLUE

Marmora. Lavender gray, giant spikes. Very choice.
Pelegrina. Like deep blue velvet.

Prizetaker Collection

5 Marmora, 5 Bagdad, 5 Picardi, 5 Gloriana, 5 Carmen Sylvia, 5 Virginia, 30 bulbs for \$1.50, postpaid. All labeled.

Free: 10 Fancy Mixed Glads.

Sonderegger's Fancy Mixed Gladiolas

Containing only choice varieties, bulbs of full blooming size, all strictly large flowering types, carefully mixed to give you many different colors. 12 bulbs, 30c; 25 bulbs, 50c; 100 bulbs, \$1.70; postpaid.

Caladium, Elephant's Ear

A beautiful foliage plant which is grown from a bulb to full size in one season. Large leaves of tropical appearance. Ideal for planting as a tall border, near a pool or in groups on a lawn bed. Bulbs are taken up in the fall and stored in the cellar like Gladiolas. Will add a fine touch to your garden. Plant 4 inches deep, water freely. 25c per bulb; 3 for 60c; postpaid.

6 New GLADIOLAS ...

3 for 30c; 12 for 95c

Dr. Hoeg. A grand novelty. Beautiful dark shiny red. Midseason.

Rosa Von Lima. Blooms in giant spikes of large blossoms, rosy-red, very pretty. Midseason.

Beacon. One of the finest of all new Gladiolas, salmon scarlet with cream throat, on tall spikes.

Shirley Temple. A truly beautiful ivory white Gladiola, flowers of giant size on extremely large spikes. Midseason.

Blue Beauty. The very latest, and nearest to a good blue that has yet been found in the Gladiola family. Midseason, with well shaped flowers and spikes.

Vagabond Prince. Mahogany brown, on tall perfect spikes. Midseason.



A cozy corner in Mrs. Baier's back yard, Pines and Blue Spruce forming an effective background to pool and fountain, large-leaved Caladiums add a tropical touch. This photo was taken 11 weeks after building the pool and setting the plants. Flower lovers can accomplish surprisingly much in a short time.

GUARANTEE and PLANTING INSTRUCTIONS

Sonderegger's Gladiolas are guaranteed to be true to name, and to bloom if planted as follows: Dig the ground up deeply, plant 4 to 6 inches deep, in heavy soil not quite so deep, 6 inches apart. Plant in full sun, or partial shade. For extra large spikes a top dressing of Vigoro fertilizer will help. Keep the bed free from weeds, sprinkle frequently through dry weather. Take bulbs up in the fall.



Flowers of
September
Jewels
Chrysanthemum

Chrysanthemums

Lavender Lady. Silvery lavender, no trace of interfering shades, flowers very large, appearing in great abundance. New, and unsurpassed in every respect. Each, 40c, postpaid.

Rose Glow. Rose pink, like a Raspberry, begins to bloom in Mid-September, and branches out well at 1½ to 2 ft. height. Each 35c; postpaid.

September Jewels. A new brilliant Golden-Yellow Chrysanthemum which begins to bloom in Mid-September for a long blooming season. Each, 35c, postpaid.

Dwarf or Cushion Chrysanthemums

Pink Cushion. Blooms all summer, until frost, in beautiful shades of pink, orchid, and golden centers. Each, 30c, postpaid.

Red Cushion. Pure fiery-red, blooms over a long period. A beautiful plant. Do not miss it. Each 35c; postpaid.

Yellow Cushion. Pure golden yellow, very brilliant, forming an even, compact cushion, often measuring 2 ft. across. Each 35c; postpaid.

COLUMBINES

Crimson Star. New, very large flowering, blooms extra well, May and June, grows 24 inches tall. Each, 40c, postpaid.

Dobbies Imperial Hybrids. The finest assortment of choice colors. Sure and freely flowering. Each, 30c, postpaid.



A Columbine in its natural environments, the rocks and boulders of the mountain. It is just as pretty somewhere in your rock-garden, or between other plants in your flower bed. Hardy, easy to grow.

Hardy

Sonderogger

TREES AND SEEDS THAT GROW

PERENN SELECTED GARDEN

Beautiful Asters

Harrington's Pink. True pink, makes a beautiful bush 3 feet high, covered all over with flowers throughout fall. Each, 42c, postpaid.

Mount Everest. Finest white, semi-double, very large, blooms extra well, 3 feet tall. Each 42c, postpaid.

Red Rover. The best red there is, with golden center. Compact growing habit, grows 3 ft. tall. Very good. Each, 42c, postpaid.

Lilac Time. Deep violet blue, a profuse bloomer in neat cushion shape 15 inches high. Each, 35c, postpaid.

IALS

FLOWERS

Bleeding Heart The old-fashioned type with the delicate heart-shaped blossoms along gracefully arching branches. Blooms in May and June, this flower should be in every flower garden. Each, 60c, postpaid.

Delphiniums

Guinevere. Lavender with white bee. Giant spikes and individual florets $2\frac{1}{2}$ inch. Strong and healthy. Each, 50c, postpaid.
Pacific Hybrids. Tall spikes, well filled with double and semi-double blossoms ranging from purplish blue to white. Each, 32c, postpaid.

Fuchsia Senorita Hardest of all Fuchsias. Compact grower. Long blooming season, July to frost. Flaming rose-red, very choice. Potted plants, 70c each, postpaid.

ORNAMENTAL GRASSES

Ribbon Grass. Very hardy, and with its broad leaves striped green and ivory, a showy plant in the flower bed, or wherever a good foliage plant is wanted. Grows 1 to 2 ft. tall. Each, 20c, postpaid.
Eulalia Gracillima. Grows 6 ft. tall, with narrow, shiny green leaves, arching over very gracefully, and silvery plumes in late summer and fall. Each, 35c, postpaid.



Hardy Ferns

Goldie's Wood Fern. Fronds grow 2 ft. tall, almost evergreen. Likes shade and good drainage of the soil. Each, 32c, postpaid.
Ostrich Fern. Very graceful with finely cut pinules, 2 to 3 ft. tall. Each, 32c, postpaid.

Baby's Breath The New Bristol Fairy Grafted plants, in the garden and in a bouquet a most beautiful flower. The blossoms are large, pure white, double, and appear in large sprays. Blooms continually all through the summer. Height 2 ft. Each, 50c, postpaid.

Dianthus, Sweet Williams

Dependable, easy to grow, an old-timer and still a great bloomer in many different shades of colors. Each, 25c; 3 for 60c; postpaid.

King Edward Violet Everblooming. This Violet not only blooms in the spring, it continues through the greater part of the summer, and even in late fall there are still more flowers to pick. For a border plant, in the rock garden, or wherever a nice small plant is desired, this Violet will please you. Each, 28c; 3 for 70c; postpaid.

Golden Glow, Rudebeckia

Grows 6 ft. tall, and through July and August produces large masses of golden globe-shaped blossoms, resembling in size and form a Snowball. Each, 25c; 3 for 60c; postpaid.

Mexican Tuberose Extremely fragrant. Grows 16 inches tall with long spikes of waxy-white blossoms well arranged. Showy in the garden or in the vase. Stands heat and drought very well. Blooms in September. Plant 4 inches deep and take the bulbs up for the winter. My bulbs are sure to bloom. 3 for 25c; 6 for 40c; 12 for 75c; postpaid.

HARDY PERENNIALS

(Continued)



Gaillardia Dazzler

Gaillardia, Blanket Flower

Here is one of the most continually blooming plants for your flower garden, showy in the beds as well as in bouquets. Highly colored, easy to grow, sure to bloom. We can furnish you the varieties Dazzler, large golden yellow and maroon, Goblin, golden yellow and red, and Burgundy, bronzy red. Your choice, each 25c; 3 for 60c; 10 for \$1.65; postpaid.



Artemisia, Silver King

This is a hardy perennial growing to a dense bush form about 2 ft. high, and can be kept lower by shearing. The silvery white twigs and foliage, compact growth, and extreme hardiness place this plant amongst the most attractive for color effect. Can also be planted in hedge style 12 inches apart in the row. Reaches full size in one season. 25c each; prepaid.

Forget-Me-Not Lovely flower, known to most everyone. Blue, of creeping habit. This is the Alpine strain growing about 8 inches tall and blooming through the greater part of the summer. Each 25c; 3 for 60c; postpaid.

Platycodon, Balloon Flower

12 to 18 inches high, blooms throughout the summer and fall, nice bell-shaped flowers in blue and white. Similar to Campanula, Bell flower, but much hardier, free from disease and insects. Each 25c; 3 for 60c; postpaid.

Pyrethrum, Double Flowering

A splendid garden mixture of pink, red and white, blooming beautifully through May and June. This is a new type, especially attractive in bouquets. Each 35c; postpaid.

Oriental Poppy The scarlet crimson type with black spots at base of the flower petals. The best for Memorial Day decoration. After several seasons of experimenting we are convinced that spring planting of Oriental Poppies is entirely too risky. For this plant we recommend only fall planting. We will be able to supply Oriental Poppies in the fall. The special new and improved types we will have at that time will be 35c each; 3 for 95c; postpaid.

Lathyrus Perennial Sweet Pea. A very satisfactory Perennial of climbing habits, and generally used for low and medium sized trellis covers. It blooms with greatest freedom in all color shades from rose-lilac to bright red. Perfectly hardy anywhere, and easy to grow. The blossoms are just like those of the regular Sweet Pea, and appear throughout summer and fall. 25c each; postpaid.

Peonies For a selection of the surest bloomers, and choice colors, all perfectly double flowering see pages 4 and 5 of this book.

Yucca Filamentosa Adams' Needle. 3 to 4 ft. tall. A plant of tropical appearance with long, narrow, evergreen leaves, developing into a dense clump. The blossoms of creamy-white color come on tall flower spikes, bell shaped, as many as 100 to one spike. It blooms for a long time, requires little care. Does well on dry land, for background planting or in the cemetery very valuable. Wherever you need a vigorous grower that will succeed where other flowers fail, plant this Yucca, it never requires further attention. Heavy roots, 30c each; 3 for 70c; prepaid.

Veronica, Blue Spire This hardy flower should be in every garden. Easy to grow, reaches a height of 2 ft., with a healthy foliage and showy spikes of neat blue flowers appearing throughout summer and fall. 29c each, postpaid.

Hardy Phlox

**Finest Colors
Sure to Bloom**

**We recommend spring
planting for all perennials**

**All Our
Summer and Fall-Flowering
Varieties Will Bloom Well
the First Year**

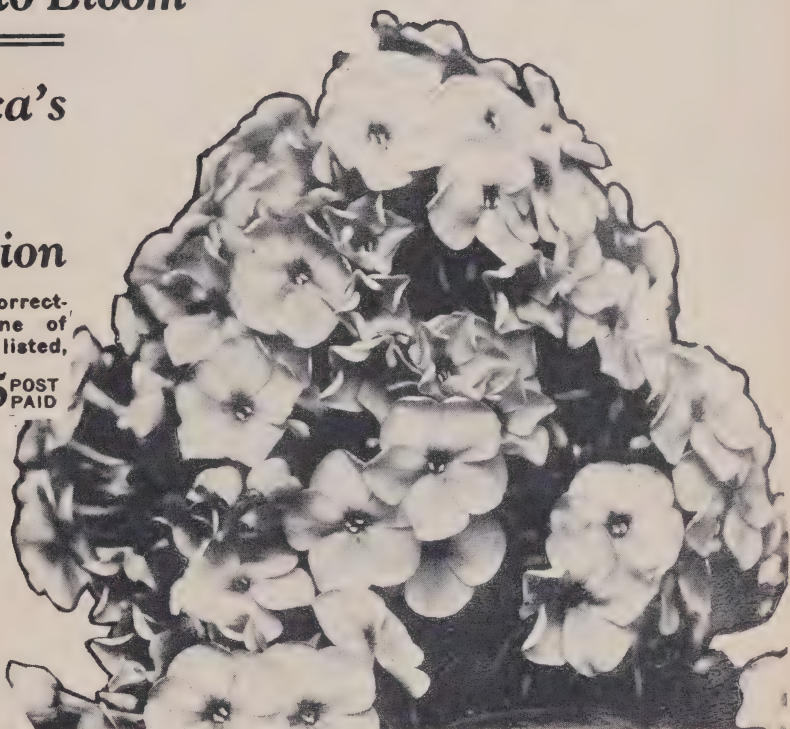
America's Finest Phlox Collection

6 plants, all correctly labeled, one of each variety listed,

for **\$1.95** POST PAID

Free:

With this
Phlox
Collection
2 Regal Lilies
Top Size.
(Listed and
Described on
Page 4).



Border Gem A beautiful deep purple Phlox. A flower of nice size and pretty shape. Does not fade. Each, 39c, postpaid.

Caroline Van de Berg Large flowers of very striking blue. The best "blue" to date. A lovely flower, combining with its rare color large size of the individual flower and trusses. Each, 35c, postpaid.

Daily Sketch Blooms in large trusses of lustrous pink with crimson-rose eye. The individual florets are the largest yet found in any Phlox. They do not fade, and bloom over a long period through summer and fall. Each, 35c, postpaid.

Charles Curtis Large flower heads, sunset shade. A most beautiful new Phlox. Each, 45c, postpaid.

Mary Louise Pure white, in large flower heads. The latest and best White Phlox. Fragrant. Each, 39c, postpaid.

Hauptman Koehl Full red. Of all this is the most outstanding. Each, 30c, postpaid.

Fall Planting For fall we will have a choice list of Tulips, Hyacinths, Narcissus and other bulbs suitable only for fall planting. Write for price list in August. Most all Perennial flowers listed here can also be supplied through August and September; however, under present conditions, we are not certain that prices will remain unchanged. If at all possible, we will retain prices quoted in this book for fall orders.

Add Beauty to your

VICTORY GARDEN

ALL PKTS., 5c, UNLESS QUOTED OTHERWISE

ASTERS

799. **Giants of California.** Large double flowers with long curled petals growing on stems $1\frac{1}{2}$ to 2 ft. long. Mixed colors. Pkt., 8c.
796. **Heart of France.** Beautiful deep ruby-red blooms, large and double, borne on extra long stems. Pkt., 10c.
798. **Giant Branching Mixed.** Will resistant. A very free bloomer with large double flowers broad petaled type.

SWEET ALYSSUM

832. **Little Gem.** The 4-inch plants are completely covered with snow white flowers. Wonderful for edgings.
834. **Violet Queen.** Compact plant 6 inches tall with deep lavender flowers. Nice with white alyssum. Pkt., 10c.

SNAPDRAGON

843. **Mixed Colors.** Rust-Proof. They produce many spikes 18 inches high, closely set with large flowers which bloom all summer and fall.

AGERATUM

827. **Blue Cap.** Very dwarf and compact. Leaves are small and the plants appear like miniature domes completely covered with blue flowers.

BALSAM

864. **Mixed Colors.** Bushy plants with double flowers produced close to stem.

CANTERBURY BELLS

894. **Cup and Saucer.** An easily grown biennial with bell-shaped flowers.

CANDYTUFT

900. **Mixed Colors.** Hardy annual bearing many large spikes of flowers from early summer to frost.

CARNATION

906. **Sonderegger Double.** Large double flowers, sweet scented and fine for house culture. Pkt., 10c.
908. **Everblooming French.** Large double flowers of rich color which bloom in four months from seed. Pkt., 10c.

COCKSCOMB

915. **Empress.** Makes a very showy plant with its beautiful blood red combs.

CALENDULA

880. **Orange King.** Bushy plants with large double dark orange flowers.

COSMOS

943. **Orange Ruffles.** Vivid orange flowers with two or three extra rows of petals lend an airy butterfly beauty to the richly colored blossoms. Pkt., 10c.
946. **Early Flowering.** Large single flowers of red, pink and white.
949. **Double Flowering.** Showy plants with large double flowers.

CHRYSANTHEMUM

940. **Mixed.** Flower profusely during summer and fall. Showy in the garden and fine for cutting.
941. **Golden Crown.** Has attractive silver green foliage with double flowers of bright yellow. Pkt., 10c.

COLUMBINE

847. **Mixed Hybrids.** A strain with large, long spurred flowers in strong, brilliant tones of all colors. Pkt., 10c.

DAHLIA

952. **Dwarf Hybrids.** Easily raised from seed and many will bloom the first year. Flowers large and double and many colors. Pkt., 10c.

DAISIES

958. **Shasta.** A hardy perennial. Large white flowers with yellow centers.

DELPHINIUM

968. **Tall Mixed.** Easily raised, quick growers and very free flowering; produces a wealth of large, double blooms on long stems.

972. **Wrexham.** Stately plants, with their large double flowers, closely set together, form spire-like spikes. Pkt., 10c.

DIANTHUS

997. **Special Mixed.** A splendid mixture of brilliantly colored sweet scented flowers. Dwarf, bushy plants 12 inches tall, free flowering and blooming from July until frost. Pkt., 10c.

FORGET-ME-NOT

1009. **Chinese Blue.** Dwarf, compact growing free flowering plants. Prefers full sun. Flowers a very bright blue, so rare among annuals.

FOUR O'CLOCKS

1012. **Dwarf Mixed.** Showy plants, 15 inches tall. Sweet scented flowers of many colors. Pkt., 10c; oz., 25c.

GALLARDIA

1017. **Burgundy.** Large shining wine-red flowers on long stems, from June until frost.

GYPSOPHILA

1023. **Double White.** Its graceful sprays of rose shaped flowers are lovely in bouquets. Pkt., 10c.

1024. **Baby's Breath.** Thrives anywhere and furnishes the loveliest material for bouquets.

HELIOTROPE

1026. **King of the Black.** Its delightful fragrance and easy culture makes it a favorite in any garden. Plants 2 feet tall, with clusters of deep rich purple flowers.

HOLLYHOCK

1030. **Double Mixed.** A wide range of beautiful colors. Highly valued for background planting.

STRAW FLOWERS

1376. **Special Mixed.** Especially good for winter bouquets. Pick when one-third open and hang heads down in a dry place until thoroughly dry.

LANTANA

1048. **Mixed Colors.** Clusters of verbenalike flowers in shades of orange, yellow and pink.

SPIDER PLANT

966. **Pink Queen.** A tall and attractive plant with huge heads of delightful true pink flowers. Plants well branched, with airy foliage and blooming from June until frost. Pkt., 10c.

MARIGOLD

1060. **Scarlet Glow.** Dwarf double flowers, open a deep scarlet and as they age, turn to a rich tangerine color. Early and a profuse bloomer. Plants 10 inches tall. Pkt., 10c.

1062. **Pot O' Gold.** A mass of intense dazzling gold flowers, on dwarf compact growing plants of about 10 to 12 inches in height. Pkt., 10c.

1063. **Butterball.** The dwarf mound like plants are literally covered with two inch flowers of soft butter yellow, lightly tipped with maroon on the center petals. Early flowering. Pkt., 10c.

MIGNONETTE

1074. **Sweet Scented.** A well-known, old-fashioned flower highly prized for its fragrance, either in garden or bouquets.

NASTURTIUM

1085. **Glorious New Hybrids.** Large double sweet scented blooms on long stems. A wide range of colors. Pkt., 10c.

1094. **Dwarf Mixed.** This mixture consists of the richest and most varied combination of colors. Pkt., 5c; Oz., 15c.

PANSY

1114. **The Viola.** Hardy perennial. Neat plant with small flowers which bloom profusely.

1107. **Swiss Giant.** Large flowers, perfectly round and many beautiful colors. Pkt., 10c.

1106. **Masterpiece.** Charming pansies with crinkled and heavily ruffled flowers of rich dark shades. Pkt., 10c.

1130. **Mixed Colors.** An excellent mixture of colors. Pkt., 10c.

PETUNIA

1147. **Royal Purple.** Large flowers of a deep purple color. Pkt., 10c.

1142. **Rose of Heaven.** Dwarf bushy plants with very bright and showy dark pink flowers. Pkt., 10c.

1151. **Flaming Velvet.** Large velvety blood-red flowers. Pkt., 10c.

1150. **Fluffy Ruffles.** Large ruffled and frilled flowers in a well balanced mixture of colors. Pkt., 15c.

PHLOX

1166. **Choice Mixed.** Well branched plants with large flower heads composed of many round petaled florets. Pkt., 10c.

1168. **Starred and Fringed.** Is very attractive with its fringed and pointed petals in a wide range of colors. Pkt., 15c.

PORTULACA

1200. **Single Mixed.** Brilliant colored blooms until frost. Like a hot, sunny place.

1202. **Double Mixed.** Flowers are like little roses of many brilliant colors. Pkt., 10c.

PYRETHRUM

1222. **Single Mixed.** Large daisy-like flowers in white, pink and red; blooming in June. Easily grown from seed.

ORNAMENTAL GOURDS

1454. **Mixed Varieties.** This special mixture of the large and small ornamental varieties is very interesting. Pkt., 5c; oz., 15c.

POPPIES

1198. **Oriental.** Extra large flowers in most brilliant shades of red.

1196. **Iceland (P.)** Gracefully fluted and soft textured flowers, carried on long wiry stems in a wide range of colors.

BARTONIA

1318. **Blazing Star.** The fragrant yellow star shaped flowers are about 3 inches across with a rich center of many deep golden yellow thread-like anthers. Plants have soft gray green foliage and reach a height of about 18 inches. Pkt., 10c.

TEN WEEKS STOCKS

1216. **Finest Mixed.** The large flowers and long stems of this variety make it especially desirable for cutting. Very early blooming. A wide range of colors. Pkt., 10c.

SALPIGLOSSIS

1230. **Large Flowering.** Petunia-shaped blooms with good veined petals of deep rich color.

SALVIA

1233. **Bonfire.** Erect spikes of brilliant scarlet on plants 14 inches high. Pkt., 10c.

SCABIOSA

1236. **Double Mixed.** Their long stems and beautiful colored flowers make them very good for cutting.

SWEET PEAS

1316. **Spencer Hybrid Mixed.** Large flowering type and early blooming. Pkt., 5c; Oz., 15c.

SWEET WILLIAM

1320. **Double Mixed.** Hardy perennial. The broad clusters of fragrant flowers have fringed petals. Pkt., 10c.

VERBENA

1323. **Spitfire.** Each plant bears 10 to 12 stems that are 15 inches long and can readily be used for bedding and cutting. Mammoth flowers of strong scarlet-rose color. Pkt., 10c.

1324. **New Mammoth.** Fine for beds and borders. Many vividly colored flowers all summer and fall.

ZINNIA

1353. **Howard's Giant Crested.** Blossoms are 4 inches in diameter, with a round cushiony center surrounded by broad guard petals. Magnificent shades of orange, yellow, rose and crimson. Pkt., 10c.

1354. **Double Liliput.** A fine mixture of the dwarf double zinnias.

1352. **Giant Flowered Mixed.** A well balanced mixture of all colors which make a gorgeous showing.

1360. **Giant flowered, white.**

1362. **Giant flowered, crimson.**

1364. **Giant flowered, bright pink.**

1366. **Giant flowered, violet.**

1368. **Giant flowered, yellow.**

Above 5 varieties, 7c each, or 5 for 30c.

CLIMBING VINES

1416. **Mile-A-Minute Vine.** A rapid grower with fine foliage. Flowers creamy white with deep red centers.

1407. **Cardinal Climber.** The leaves are deeply notched which with the cardinal red flowers give this vine a beautiful effect. Pkt., 10c.

1414. **Cypress Vine.** A beautiful annual climber with fern-like foliage and graceful star-shaped flowers. Pkt., 10c.

MORNING GLORY

1432. **Pearly Gates.** Vigorous, fast climbing vines. Covered with lustrous white flowers from middle of summer until frost. Pkt., 10c.

1433. **Heavenly Blue.** Rapid growing vine with large bright sky-blue flowers.

1434. **Scarlett O'Hara.** Fast growing vine with dark green foliage and flowers of a dark wine-red color.

Help win the war in your Garden--grow vegetables



NEW TENDERGREEN

Pole Beans

G162. Kentucky Wonder. (65 da.). I find them to be the best of all pole beans. Pods long dark green and of excellent quality.

Prices of Beans

No.	Variety	Pkt.	1/2 lb.	1 lb.	3 lbs.
G120	Sonderegger's Giant Stringless.....	10c	25c	40c	\$1.10
G126	Burpee's Stringless Green Pod.....	5c	25c	40c	1.10
G134	New Tendergreen.....	5c	25c	45c	1.15
G140	Sonderegger's Imp. Black Wax.....	10c	20c	40c	1.10
G142	Brittle Wax.....	10c	25c	40c	1.00
G144	Improved Golden Wax.....	5c	20c	40c	1.10
G154	Henderson's Bush Lima.....	5c	25c	50c	1.20
G155	Pencil Pod Black Wax.....	8c	23c	40c	1.10
G162	Kentucky Wonder, Pole Bean.....	8c	25c	50c	1.20

Safe Delivery of Shipment Guaranteed. Prices POSTPAID.

Green Podded

G120. Sonderegger's Giant Stringless Green Pod (54 da.). One of the heaviest bearers. Pods long, round, dark green, stringless and of finest quality.

G126. Burpee's Stringless. Plants large, erect, very productive. Pods 6 in. long, round, stringless. Of excellent quality.

G134. New Tendergreen (54 da.). One of the best green podded beans for the Middle West. Pods of dark green color, round, fleshy. Good bearer, excellent for canning.

Yellow Pods (Wax)

G142. Brittle Wax. Plants vigorous, very productive. Pods medium round, extremely brittle, fleshy, stringless, free from fiber.

G155. Pencil Pod Black Wax. (52 da.). Plants large, stocky, good producer. Pods golden yellow, fleshy, tender and stringless. Finest quality.

G144. Golden Wax. (55 da.). An old standard variety. Plants bushy, very prolific. Pods 5 in. long, round, bright yellow, brittle and free from strings.

G140. Sonderegger's Improved Black Wax. (51 da.). This is one of the best all around wax beans. Pods round, 6 in. long, bright yellow, stringless.

"Big 3" Bean Collection

1/2 lb. Sonderegger's Giant Stringless

1/2 lb. Pencil Pod Black Wax.

1/2 lb. Burpee's Stringless.

60c POST PAID

Lima Beans

G154. Henderson's Bush Lima. I have tried out all varieties of lima beans and for the Middle West I have found none better.

Planting Instructions

Plant beans after all danger of frost is over in rows, 12 to 15 inches apart, 1 1/2 lbs. of beans will be needed for a 100 ft. row. Pole beans may be planted against the garden fence for support.

PEAS

G492. First and Best. (50 da.). Plants 18 in. high, pods filled with 6 to 8 medium sized peas. Good bearer and excellent for canning.

G488. Alaska. (45 da.). The earliest of all peas. A splendid bearer. Pods $2\frac{1}{2}$ in. long, well filled with 5 to 7 peas. Good canning variety.

G490. Little Marvel (55 da.). A very dwarf sort, grows 15 in. high. Can be planted very early. Long pods with 5 to 7 peas of excellent quality.

G498. American Wonder (52 da.). The earliest wrinkled variety. Grows 15 in. high, needs no brush. Pods well filled with large peas.

G506. Peter Pan. Best all around variety for the Middle West. Grows 18 in. high. Pods very large, filled with 6 to 8 very large sweet peas.

G512. Everbearing (60 da.) An excellent second early sort. Grows 20 in. high. Pods filled with large delicious peas, excellent for canning.

G518. Dwarf Gray Sugar. The best of all sugar peas. Very sweet, excellent quality. Pods medium size. Must be staked.

G497. Laxton Superb. One of the very best early large podded peas. It is ready to pick in 55 days. It is of excellent quality, richly flavored, and the pods are packed solid with medium sized peas, usually eight in a pod. It yields very heavy and extremely desirable for canning and market use.



PETER PAN PEAS

"Big 3" Peas Assortment

$\frac{1}{2}$ lb. Alaska
 $\frac{1}{2}$ lb. Everbearing
 $\frac{1}{2}$ lb. American Wonder

60c POST
PAID

Prices of Peas

No.	Variety	Pkt.
G488	Alaska	5c
G490	Little Marvel	5c
G492	First and Best	5c
G498	American Wonder	5c
G506	Peter Pan	7c
G512	Everbearing	5c
G518	Dwarf Gray Sugar	10c
G497	Laxton Superb	10c

Postpaid to Your Door.

NITRAGIN

Treat all your Beans and Peas with Nitragin before you sow. You will get a better stand, a better crop, and it improves the soil. Cannot be used



except with the seed before sowing. Not good for any other kind of seeds. Garden size tin, enough to treat 4 lbs. of seed, 10c; postpaid.

Planting Instructions

Plant peas early as they require cool weather to do their best. Sow seed in rows not less than 18 inches apart, covering $1\frac{1}{2}$ to 2 inches deep. One pound will sow 100 ft. of row.

Free! . . . Free! . . . Free!

With every order for seeds in packets amounting to \$1.50 or more, you receive free, 12 Gladiola bulbs, including all colors. Fine, blooming-size bulbs. (A 35c value.)

All prices except on packets subject to raise or lower to meet ceiling prices, if and when OPA regulates seed prices.

CARROTS

This is one of the scarce varieties of vegetables. Order your supplies early.

G256. Sonderegger's Imp. Half Long (60 da.). The roots and flesh are of bright orange red color, of medium size and fine grained. **Pkt., 10c; oz., 40c.**

G254. Sonderegger's New Scarlet (70 da.). Best second early variety. The roots grow quite large, are of orange red color and excellent winter keeper. **Pkt., 10c; oz., 45c.**

G252. New Bunching. Main crop variety and for winter use. Roots 7 to 9 inches long, very symmetrical and smooth. Used extensively for market. **Pkt., 10c; oz., 45c.**

G260. Red Core Chantenay. The roots are smooth with blunt end. Their rich deep red color makes them a favorite with the housewife. **Pkt., 10c; oz., 45c.**

G264. Oxheart. A very short and stumpy variety. Extra early and of fine quality. **Pkt., 10c; oz., 40c.**

G-261 Carrot Collection

1 Pkt. Sonderegger's Imp. Half Long

1 Pkt. Sonderegger's New Scarlet

1 Pkt. New Bunching

3 best varieties..... **25c** POST PAID



DETROIT DARK RED

BEETS

"BIG 3" BEET COLLECTION

Sonderegger's Early Blood Turnip

Ohio Canner Crosby's Egyptian

3 excellent sorts, **25c** POST PAID
one pkt. of each

G179. Ohio Canner (65 da.). This new beet has a deep blood-red color, is tender, sweet and free from stringiness. Round and of uniform size.

G178. Sonderegger's Early Blood Turnip. One of the best for the Middle West. Round medium size, dark red color without light rings. Sweet and tender.

G201. Detroit Dark Red (60 da.). Round, dark red, sweet and of excellent quality; does not lose color in cooking.

G180. Crosby's Egyptian. Roots are flattened in shape, of medium size, dark red, smooth and tender.

G184. Early Blood Turnip. An old variety but still in good demand. An excellent canning sort.

G192. Swiss Chard. Grown for leaves only, which are used as spinach. Produces immense quantities of light green leaves from spring until late fall. **Pkt., 10c; oz., 30c.**

Prices of Beets

No.	Variety	Pkt.	Oz.
G179.	Ohio Canner	10c	35c
G180.	Crosby's Egyptian	10c	30c
G201	Detroit Dark Red	10c	35c
G178	Sonderegger's Early Blood	10c	35c
G184	Early Blood Turnip	10c	30c

Sugar Beets

G202. Klein Wanzleben Sugar Beet. A standard variety used in making sugar and syrup. Also for stock and poultry feed. **Oz., 15c; 1/4 lb., 45c.**

Mangel Beets

G198. Giant Half Sugar Mangel Beet. Extra sweet and large, of special high feed value for poultry and dairy use. On heavy soil I prefer this variety, as it grows shallow and is easy to harvest. **Oz., 15c; 1/4 lb., 50c.**

Parsnips

G480. Improved Guernsey (85 da.). Roots thick, of medium length, quality of this Parsnip is excellent, roots smooth, and fine grained. Very satisfactory for home use or market. **Pkt., 10c; oz., 15c; 1/4 lb., 40c.**

Salsify

G586. Oyster Plant. Makes a most delicious vegetable dish. May remain outdoors over winter. Culture same as carrots. For winter use store in sand in cellar. **Pkt., 10c; oz., 25c.**

CABBAGE

G224. Early Jersey Wakefield (65 da.). This is our earliest and best pointed head cabbage. The heads are cone-shaped, very solid and tender. Weight 3 to 4 lbs. Pkt., 10c; oz., 40c.

G223. Golden Acre (65 da.). This is the very best early round head cabbage. Very fine grained, sweet and juicy, solid heads 3 to 4 lbs. Pkt., 10c; ½ oz., 25c; oz., 45c.

G236. Sonderegger's Improved Danish Ball-head (100 da.). An excellent variety for late fall and winter use. Heads large, round, fine grained, sweet and juicy. Pkt., 10c; oz., 55c.

G226. Copenhagen Market. Heads round, solid, of excellent quality. Medium early. Fine for sauerkraut. Pkt., 10c; oz., 45c.

G238. Premium Late Flat Dutch. This is the largest and best of the flat head varieties. Best for late fall and winter use; good keeper; of excellent quality. Pkt., 10c; oz., 50c.

G240. Savoy, King of Earliest. Best of all sorts Savoy cabbage. Heads medium size, very solid and of excellent quality. Pkt., 10c; oz., 45c.

G244. Mammoth Red Rock. The finest, surest heading sort of red cabbage, of extra fine quality. Pkt., 10c; oz., 55c.

G222. Chinese Celery Cabbage. Makes oblong solid heads, of excellent quality. Plant seed early July. Pkt., 10c; oz., 50c.

PLANTING INSTRUCTIONS

Start all cabbage and cauliflower in hot-bed early in February. As soon as ground can be worked, transplant to garden, setting plants about 12 to 18 inches apart.

Cauliflower

G246. Sonderegger's Improved Earliest Dwarf. Heads uniform in size, of fine quality. I find this to be the best of all varieties for the Middle West. Pkt., 25c.

Brussels Sprouts

G118. Improved Dwarf. The miniature heads are very solid and most delicious. Culture same as cabbage. Pkt., 10c.

Borecole or Kale

G110. Dwarf Green Curled. Tasty greens for early fall and spring use. Pkt., 10c.

G114. Tall Green Curled. This is the tall growing sort with green leaves. Quality much improved by fall frost. Pkt., 10c.

Kohl Rabi

G342. Early White Vienna. An excellent vegetable with roots of fine quality. Grown above the ground. Cook same as turnips. Pkt., 15c.

HAMMOND'S SLUG SHOT

A non-poisonous insecticide. It is the safest, most effective, easiest to use and most economical insecticide made. Can be used on cabbage, cauliflower, beans, etc., without fear of harm, as it does not contain poisonous ingredients. Lb., 35c; 5 lbs., \$1.30; postpaid. Not prepaid, lb., 30c; 5 lbs., \$1.00.

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Onions

G432. Sonderegger's Prizetaker. Easy to grow from seed to medium size. Flesh pure white, finest quality, rather mild. Pkt., 15c; ½ oz., 45c; oz., 75c.

G440. Yellow Globe Danvers. White flesh, crisp and very good quality. Firm, solid bulbs; fine for storage. Pkt., 15c; ½ oz., 40c; oz., 75c.

G442. White Sweet Spanish. The pure white flesh of this onion is fine grained and exceptionally sweet. Pkt., 15c; ½ oz., 45c.

G450. Yellow Bermuda. A very large globe-shaped onion with mild, crisp flesh. A good keeper and fine for markets. Pkt., 15c; ½ oz., 50c; oz., 85c.

Onion Sets

	1 lb.	3 lbs.
G458. White	35c	\$1.00
G462. Yellow	35c	1.00
G464. White Multiplier	35c	...

Onion Set Prices—See Note Below.

G472. Winter Onion Sets. Plant them in the fall. The fall planted sets produce fine green onions in early spring. Per lb., 35c.

G473. Bermuda Onion Plants. Plant as soon as ground is warm. A very mild onion, when used as a green onion, or a large onion. Per bundle, 20c; 5 bundles, 85c.

G346. Leek. The large London variety. Mild, for flavoring soups, or cooked like creamed onions. Pkt., 25c.

G748. Garlic. Very pungent. Grown for seasoning. Large bulbs, (break them up to sets), 5c; ¼ lb., 15c; 1 lb., 45c.



Copenhagen Market Cabbage

Peanuts

They do best in a light soil. Take them up, tops, peanuts and all just before frost in the fall. Allow them to dry out in the air. Plant in rows 4 ft. apart.

G484. Mammoth Virginia. Most profitable variety to grow for home use or market, as the nuts are quite large. Plants grow erect. Pkt., 10c; 1 lb., 45c; postpaid. Not prepaid, 5 lbs., \$1.75.

Watermelon

G404. Tom Watson. Extra long, tough but thin rind. Deep red flesh. Pkt., 8c; oz., 15c; ¼ lb., 30c.

G408. Kleckley Sweet (85 da.). Oblong shaped, dark green. Flesh dark red, very sweet, solid and stringless. Pkt., 8c; oz., 15c; ¼ lb., 30c.

G409. Early Kansas (85 da.). Large size, dark green with lighter stripes. Flesh bright red. Delightful flavor. Pkt., 7c; oz., 15c; ¼ lb., 35c.

G410. New Striped Klondike (90 da.). An extra large variety, light green, striped dark green. Good shipper. Flesh deep red, sweet and tender. Pkt., 10c; oz., 15c; ¼ lb., 30c.

G412. Stone Mountain (85 da.). Large, almost round. Flesh bright scarlet, sweet and crisp. Pkt., 8c; oz., 15c; ¼ lb., 30c.

Pumpkin

G538. Large Sweet Cheese (110 da.). Large flattened fruit that keeps well. Flesh yellow, thick and very tender. Pkt., 5c; oz., 10c; ¼ lb., 20c.

G544. Small Sugar. The favorite pie pumpkin. Fruits medium size of deep orange color with thick sweet flesh. Pkt., 5c; oz., 10c; ¼ lb., 25c.

G610. Cushaw. Always large, mottled green and white, solid and heavy. Fine grained and sweet. Also called squash. Pkt., 5c; oz., 15c; ¼ lb., 30c.

Squash

G603. Sonderegger's Table Queen. Finest baking squash, 8 in. long, thick, dark green, hard and smooth. Pkt., 5c; oz., 15c; ¼ lb., 35c.

G604. Banana. About 2 feet long, bears well. Of good quality and good keeper. Pkt., 8c; oz., 15c; ¼ lb., 35c.

G606. Giant Summer Straightneck. Heavily warted, meat lemon yellow, fine quality. Pkt., 5c; oz., 15c; ¼ lb., 30c.

G614. Warty Hubbard. Very dark green shell, hard and warty. Flesh tender and well flavored. Pkt., 5c; oz., 10c; ¼ lb., 25c.



STRAIGHT EIGHT

Cantaloupes

G395. Sonderegger Earliest (82 da.). One of the best melons for the Middle West. Melons of medium size, with deep yellow very sweet flesh. Pkt., 10c; oz., 30c; ¼ lb., 60c.

G392. Sugar Rock (85 da.). Melons oval. Medium size. Flesh golden yellow and unusually sweet. Pkt., 10c; oz., 20c; ¼ lb., 60c.

G390. Rockyford (90 da.). Flesh greenish white, very juicy and sweet. Medium size, almost round. Pkt., 8c; oz., 20c; ¼ lb., 60c.

G389. Bender's Surprise (90 da.). Melons of large size, with flesh bright salmon and of finest quality. Pkt., 10c; oz., 20c; ¼ lb., 60c.



SONDEREGGER EARLIEST

CUCUMBERS

G327. Straight Eight. Fruit uniform in size, slender, 8 in. long, dark green and smooth. Pkt., 10c; oz., 40c.

G324. Improved Long Green (70 da.). Makes delicious pickles when small. Crisp, of fine flavor. 9 in. long, dark green. Pkt., 10c; oz., 25c; ¼ lb., 85c.

G332. Chicago Pickling (58 da.). Special for pickles. Medium length, dark green color. Pkt., 10c; oz., 30c.

G320. Davis Perfect (50 da.). Grows about 10 in. long, slim, slightly pointed, dark green, with few seeds. Pkt., 10c; oz., 30c.

G330. New Everbearing. A small early variety. Short, slightly pointed and of superior quality for pickles. Pkt., 10c; oz., 30c.

G328. Early Cluster. Hardy vines bearing clusters of two and three. Short, thick, dark green cucumbers. Pkt., 10c; oz., 30c.

"Big 3" Cucumber Collection

G325. Davis Perfect, Improved Long Green, Chicago Pickling, the three best for home garden. (Regular price 30c.) 25c, postpaid.

TOMATOES

G624. Beebe's Early Prolific. Medium to large globular shaped fruit. Flesh dark red, superb quality with very few seeds.

G626. Pritchard or Scarlet Topper. Extremely solid and heavy with thick walls of deep scarlet color. Very productive; one of the very best for home use or market.

G627. Firesteel. A small vine with medium sized red tomatoes that are early, smooth and firm fleshed. For dry seasons there is nothing to equal it as it will set fruit when other types are dropping their blossoms.

G628. Spark's Earliana. Large, fine quality. Stoutly bunched and very productive; fruit slightly flat, and red.

G629. New Marglobe. Second early on the market. Plants are vigorous growers and continue bearing until fall. Tomatoes large, round, smooth and of very dark color.

G632. Rutgers. Plant large with thick stems and vigorous foliage. Fruits globular, bright red, smooth with thick walls and small seed cells.

G640. New Stone. Large fruit, scarlet in color. Smooth and ripening evenly and without any cracks. For main crop.

G648. Yellow Pear. Small yellow pear-shaped fruit which is used mostly for preserving.

G652. Bison. Very early, of medium size and very solid. A strong grower and heavy bearer, resists drought extra well.

G654. The Ruby. The strong, healthy vines produce an enormous crop of medium to large size rich red tomatoes. The globe-shaped fruits grow in clusters of 6 to 10. Very solid and meaty.

"Big 3"

Tomato Collection

- 1 Pkt. Spark's Earliana
- 1 Pkt. Marglobe
- 1 Pkt. Pritchard

3 FAVORITES
FOR **22c** POST PAID

Price of All Tomatoes

No.	Variety	Pkt.	1/2 Oz.
G624	Beebe's Early Prolific	10c	25c
G626	Pritchard	10c	25c
G628	Spark's Earliana	5c	25c
G629	New Marglobe	10c	25c
G632	Rutgers	10c	25c
G640	New Stone	5c	25c
G648	Yellow Pear	10c	...
G652	Bison	10c	30c
G654	The Ruby	20c	...
G627	Firesteel	25c	...

Eggplant

G284. Spineless. A good bearing variety. The broad, oval, dark purple, glossy fruits are of superior quality. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

All prices except packets subject to raise or lower to meet ceiling prices if and when OPA regulates seed prices.

BEATRICE, NEBRASKA

FROST can't hurt



INSECTS can't touch



Kotkaps not only make the young plants grow faster, but they protect them from frosts and insects. Hotkaps have been tried out for several years and we have many testimonials showing where Hotkaps produced ripe tomatoes two weeks earlier than where they were not used. More information given on request.

Home Garden Package, 25 Hotkaps and Cardboard Setter, 65c, postpaid, 50c not prepaid.

100 Hotkaps with Fiberboard Setter, \$2.35, postpaid.

250 Hotkaps with Fiberboard Setter, \$3.50, not prepaid.

1,000 Hotkaps only, \$10.25, not prepaid.

Peppers

G522. Sonderegger's New Royal. Extra thick flesh, juicy, sweet and very mild. Fine for stuffed peppers. Pkt., 15c; 1/2 oz., 25c.

G525. Harris Early. Earliest variety. Fruit medium size, dark red and very sweet. Pkt., 15c; 1/2 oz., 25c.

G532. Perfection Pimento. Thick meated, extra mild and delicious. Heavy bearer. Pkt., 15c; 1/2 oz., 25c.

Garden Huckleberry

This is an annual plant, similar to the true Huckleberry, the fruit being deep purple, nearly black, a little smaller than the berries of Concord grape. Should be cooked with sugar and lemon for flavoring. It is good for preserving. Plants grow 3 feet high, and bear abundantly. Culture same as of tomatoes. Pkt., 15c, postpaid



THE RUBY TOMATO



SONDEREGGER'S ICICLE

RADISHES

G556. Sonderegger's White Icicle. An extra fine white long radish. It is mild and of very fine quality.

G553. Sonderegger's Giant Butter. A favorite variety for home gardens. Roots crimson in color with white, tender and juicy flesh. Will not get pithy.

G554. Sparkler. Deep scarlet with a pure white tip. The radish is solid, crisp and of very fine quality.

G555. Early Bird. Rich scarlet color, flesh snow white and crisp. A very early radish.

G568. French Breakfast. This is a well known oval-shaped radish of bright scarlet with white tip.

G580. Rose China (Winter Radish). Roots 4 to 6 inches long, bright rose-red in color. Flesh white and very firm.

PRICES OF ALL RADISH SEEDS

No.	Variety	Pkt.	Oz.	$\frac{1}{4}$ Lb.
G553	Sonderegger's Giant Butter.....	10c	25c	45c
G554	Sparkler.....	7c	15c	30c
G555	Early Bird.....	10c	20c	35c
G556	Sonderegger's Icicle.....	10c	20c	35c
G568	French Breakfast.....	5c	10c	25c
G580	Rose China.....	10c	15c	30c

Postpaid, safe delivery guaranteed.

"Big 3" Radish Collection

- 1 Pkt. Sonderegger's White Icicle
- 1 Pkt. Early Bird
- 1 Pkt. Sparkler

3 CHOICE RADISHES FOR **20c** POST PAID

SWEET CORN

G292. Sonderegger's Early Golden (65 da.). After many years of selection I find this to be one of the best yellow varieties for this section. Stalks medium height, ears 7-9 in. long filled with sweet plump golden yellow kernels. Pkt., 7c; $\frac{1}{2}$ lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

G305. Golden Cross Hybrid. Of all the yellow Hybrids I like this one best. Every stalk produces one or two medium sized ears filled with large golden yellow luscious kernels. Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 50c; postpaid.

G296. Sonderegger's Earliest (60 da.). The earliest of all large eared white seeded varieties. Ears are filled with deep grained pearly white kernels. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 35c.

G304. Sonderegger's Early Evergreen (70 da.). This variety is very much like Stowell's Evergreen but 10 days earlier. Excellent quality, good canner. Pkt., 5c; $\frac{1}{2}$ lb., 20c; lb., 35c; postpaid.

G308. Stowell's Evergreen. The standard main crop white sweet corn. Large ears, sweet and stay tender a long time. Especially fine for canning. Pkt., 5c; $\frac{1}{2}$ lb., 18c; lb., 30c; postpaid.

G306. Country Gentleman. Very productive, kernels irregular, very deep, pure white and sweet. Ears 9 inches long. A very good variety. Pkt., 5c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 3 lbs., 90c; postpaid.

POP CORN

G309. Baby Jumbo. An improved variety of Dynamite with the hulls practically eliminated. A good producer, is of excellent quality. Oz., 5c; $\frac{1}{4}$ lb., 15c; lb., 40c; 3 lbs., \$1.00; postpaid.

G311. Hybrid White Hulless. An extra heavy yielding variety. Hulless and of fine quality when popped. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c; postpaid.

"Big 3"

Sweet Corn Collection

- $\frac{1}{4}$ lb. Sonderegger's Early Evergreen
- $\frac{1}{4}$ lb. Sonderegger's Early Golden
- $\frac{1}{4}$ lb. Sonderegger's Earliest

Choicest Three for **25c** POST PAID

LETTUCE

G350. Sonderegger Extra Early Head. Heads are of medium size, solid, round. This lettuce is rich in flavor, buttery, crisp and tender. Pkt., 10c; oz., 30c.

G352. Improved Hanson. A very reliable sure heading variety. Leaves large, broad and crimped, of light green color and fine quality. Pkt., 10c; oz., 25c.

G354. Sonderegger's Butterhead. Best all around lettuce, extra good for forcing and summer use. Pkt., 10c; oz., 25c.

G358. Prizehead. An early non-heading variety. The crumpled, crisp tender leaves are tinged brownish red. Pkt., 10c; oz., 20c.

G366. Early Curled Simpson. Leaves tender, sweet, of light green color, and excellent quality. A very early variety. Pkt., 10c; oz., 20c.

G367. Black Seeded Simpson. Quick growing variety. Outer leaves light green, crisp, of fine texture and exceptionally fine flavor. Pkt., 10c; oz., 20c.

"Big 3"

Lettuce Collection

1 packet of each:
Early Curled Simpson
Sonderegger's Extra Early Head
Improved Hanson

All for **25c** POST PAID

Endive

G286. Green Curled. Makes delicious fall and winter salads. Frost improves its flavor and quality. Pkt., 10c; oz., 30c.

G288. Broad Leaved Batavia. Large summer variety. Pkt., 10c; oz., 30c.

Garden Cress

G218. Curled. Used for salads and garnishing. The curled leaves have a delightful flavor. Pkt., 10c.



Mr. N. D. Schoenholz, Blue Springs, Nebr., on his 91st birthday. Mr. Schoenholz can justly be proud of his Victory Garden, and we are proud of having served him for many years.

Mustard

G378. Southern Giant Curled. Highly esteemed in the South where the seed is sown in the fall and the plants used early in the spring for salads. Pkt., 5c; oz., 10c.

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Celery

G272. Sonderegger's Self Blanching. Medium height, stocky and very compact. Foliage yellowish green. Stalks solid, broad and of delicate flavor. Pkt., 10c; ½ oz., 40c.

G274. Golden Self Blanching. Very early. Stalks solid, brittle and of delicious flavor. Pkt., 10c; ½ oz., 40c.

G282. Sonderegger's Best Celeriac. Large white roots, smooth, of excellent quality and flavor. Pkt., 15c; oz., 45c.

Celtuce

G283. Celtuce is easy to grow in the home garden and is well adapted for market and shipping. Plants grow quickly, forming a rosette of light green leaves which may be used, when young, as "greens." In less than 90 days after seed is sown, the central stem or stalk is usable and will be found most tender at this age. The stalks are solid throughout, the skin greenish white and tough but the inside is very succulent, most delicate pale green, crisp and brittle. Make first sowing of seed as soon as ground can be worked in the spring. Succession sowings at intervals of a week or ten days will give a continuous supply. Pkt., 10c.

Parsley

G474. Champion Moss Curled. Leaves extra large, deep rich green and very curly. Pkt., 7c; oz., 15c.

G478. Hamburg. Turnip-rooted; of this variety the roots as well as the tops are used. Pkt., 7c; oz., 15c.

Okra

G380. White Velvet. Okra is delicious for stews, for flavoring soups, and for salads. It is easy to raise and yields immense crops. The pods are used when from 1 to 2 inches long. Pkt., 5c; oz., 10c; ¼ lb., 25c.

Turnips

G662. Purple Top Strap Leaf. Flat, medium sized roots, purple top, fine grained and mild. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.35.

G666. Purple Top White Globe. Firm, fine grained, white and of fine flavor. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.35.

G676. Purple Top Yellow Rutabaga. Best yellow meat; good keeper. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.45.

Spinach

G594. Long Standing. The leaves are thick, round and of dark green color. Does not go to seed until late in season. Pkt., 10c; oz., 20c.

G596. New Zealand. Enjoy fresh, tender greens all summer. The more you cut the more it grows. Pkt., 10c; oz., 25c.

G592. Broad Leaf Nobel. The leaves are very large, thick, broad and slightly crumpled, arrow-shaped with a rounded top, are medium green in color, very crisp and tender. Remain in good condition for a long time. Pkt., 10c; oz., 20c.

FANCY KENTUCKY BLUE GRASS

One pound of this seed will make a perfect stand on 200 square feet. Figure your seed on that basis. Spade the ground about 6 inches deep. Rake the ground. Now apply 3 to 4 pounds of Vigoro per 100 square feet. Rake again lightly. Wait from two days to a week before sowing. If there is no rain during that time sprinkle the soil. Sow, rake lightly, then roll to pack the ground. Apply a cover of fine cut straw, or better, of Peat Moss, soak the lawn down heavily. There is no substitute for this tested process. Per lb., 50c; 3 lbs., \$1.40; 5 lbs., \$2.25; postpaid.

TRI-GEN

The All-Purpose Spray A POSITIVE PLANT PROTECTION

This complete Rose Garden Spray Treatment—Tri-ogen—offers the first definite mildew and black spot control combined with an insecticide. It kills all insects, including the sucking and leaf-eating types. It remains on foliage, repelling subsequent attacks. Tri-ogen also stimulates plant growth, resulting in fine foliage and luxuriant bloom. A small kit (makes 16 quarts), postpaid, \$1.60.

NITRAGIN

This is not a fertilizer and must be applied to seed before planting. Nitrogen can only be used on legume plants. It improves the root system and gives the plants a much better growth. For beans, peas and sweet peas, enough to treat 4 lbs. of seed, 10c. Soy beans and cow peas, 2 bu. size, 30c; 5 bu. size, 55c. For all clovers, alfalfa, also lespedeza, 1/2 bu., 30c; bu., 50c; 2 1/2 bu., \$1.00; postpaid.

ADMIRAL DUSTER

This new design Duster has been tried out and is a big improvement over the old type. It dusts all kinds of fine powders very evenly. It does the job with less materials, less energy, and does it better. Size of dust container 4 inches in diameter and 4 1/2 inches long. Pump 14 inches long. Price, \$1.35, postpaid.

RENKEN SURE-CATCH GOPHER TRAPS

Dig in the gopher mound, clean out the lateral runway from mound to main runway. Always set trap in lateral runway. Do not cover trap. Let light shine into the runway. First gopher that comes along will proceed to shut out light. Price, 80c; 2 for \$1.50; postpaid.

SONDEREGGER'S SPECIAL LAWN GRASS MIXTURE

Contains in the proper proportion the Fancy Kentucky Blue Grass and White Dutch Dwarf Clover, and a little Red Top, properly mixed so as to make a good even stand. Sow just like described under Fancy Kentucky Blue Grass, no difference in the care. Extra fine, choice seed, per lb., 58c; 3 lbs., \$1.65; 5 lbs., \$2.50; postpaid.

WHITE DUTCH CLOVER

Lb., \$1.15, postpaid.

VIGORO

VICTORY GARDEN FERTILIZER

Proper feeding with Vigoro Victory Garden Fertilizer will go a long way toward helping you produce big yields of vitamin-yielding, mineral-rich vegetables. Vigoro builds up the soil, gives it what plant life requires, a balanced ration of plant food. It's economical to use. 12-oz. pkg., 20c; 5 lbs., 65c; postpaid. Not prepaid, 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50.

SONDEREGGER'S ELASTIC PRUNING PAINT

Should be used wherever a limb is cut off or where the bark has been peeled off by rabbits. Prevents decay until the wound is healed. Quart, \$1.00, postpaid.

LIQUID SLUG SHOT

This is a non-poisonous spray and is very effective on both chewing and sucking insects. There is no danger when using it on tomatoes, beans or other vegetables. I find it to be one of the best spray insecticides on the market. 1 oz. of Liquid Slug Shot makes 6 gallons of spray. 1-oz. bottle, 35c; 4-oz. bottle, \$1.10; postpaid.



Control Garden Pests with this Quick, Easy, New Streamlined

HARCO SPRAYER

Only \$2.35
Not Prepaid.

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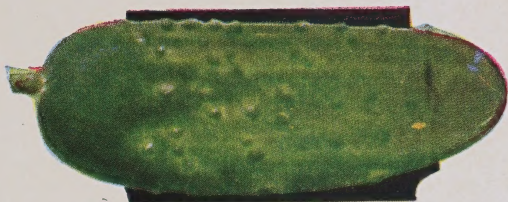
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SONDEREGGER
ICICLE. Pkt., 10c.
See page 66.



DAVIS PERFECT
Pkt., 10c. See description, page 64.

*Start
Defense
Work
in Your
Kitchen*



RED CORE
CHANTENAY
Pkt., 10c.
See description,
page 62.



BRITTLE
WAX
Pkt., 10c.
See descrip-
tion, page 60.

*Can
More
Vegetables*



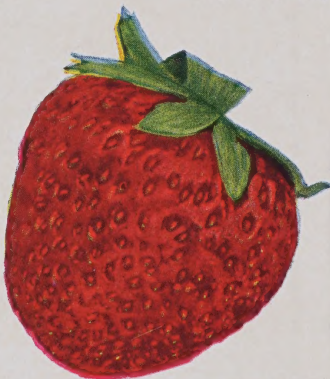
DETROIT DARK RED
Pkt., 10c.
See description, page 62.



Sonderegger's Premier The earliest of the June bearing sorts; a fine berry in every respect, and a good bearer. Should be in every planting for the first strawberries of the season. 50 for 85c; 100 for \$1.50; 300 for \$4.00; prepaid.

Fairfax Claimed to be the sweetest of all June bearers. Ripens about a week ahead of Dunlap. Large bright red berries ripening perfectly to the core. For home use one of the choicest. 50 for 85c; 100 for \$1.50; 300 for \$4.00; prepaid.

Heavy Producing Strain



Right after planting, water each plant, never depend just on the soil being moist enough; watering settles the soil. Plant in rows, the rows in large plantings $2\frac{1}{2}$ feet apart, in small plantings 12 to 16 inches apart, and space the plants in the rows 12 inches apart. This leaves enough room for runners between the rows, and from the runners you get large crops year after year once your bed is started.

EVERBEARING STRAWBERRIES

Due to crop failure, no Everbearing Strawberry plants will be available for spring, 1944.

HOME-GARDEN COLLECTION

75 SENATOR DUNLAP
50 PREMIER
50 FAIRFAX

\$2.50
POSTPAID



We ship strawberry plants separate from trees or shrubs to assure their safe arrival. If plants reach you damaged in any way, please send us a card promptly.

Senator Dunlap The famous mid-season strawberry. Quality, even size, productiveness, vigorous growth of the plants, extreme hardiness are the major points in favor of the old-fashioned Dunlap. My plants are young, well rooted; they will make you a No. 1 stand. 50 plants for 75c; 100 for \$1.40; 300 for \$3.95; 500 for \$6.00; prepaid.